

GROUP 52A

INTERIOR

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WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES

WARNING

- *Improper service or maintenance of any component of the SRS, or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative).*
- *Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.*
- *MITSUBISHI dealer personnel must thoroughly review this manual, and especially its GROUP 52B - Supplemental Restraint System (SRS) before beginning any service or maintenance of any component of the SRS or any SRS-related component.*

NOTE

The SRS includes the following components: SRS air bag control unit, SRS warning light, front impact sensors, air bag module, side-airbag module, curtain air bag module, side impact sensors, seat belt pre-tensioners, clock spring, and interconnecting wiring. Other SRS-related components (that may have to be removed/installed in connection with SRS service or maintenance) are indicated in the table of contents by an asterisk (*).

GENERAL DESCRIPTION

M1521000100753

OPERATION

SEAT BELT WARNING SYSTEM

If the driver turns the ignition switch to the "ON" position without fastening the seat belt, the seat belt warning light illuminates.

OPERATION

REAR VIEW SYSTEM

When the selector lever is moved to the R (reverse) position with the ignition switch "ACC" or "ON" position, the image of the rear view camera is displayed on the rear view monitor (incorporated in the inside rear view mirror.)

SEAT BELT DIAGNOSIS

M1523000700201

The seat belt warning system is controlled by the Simplified Wiring System (SWS). For troubleshooting, refer to GROUP 54B, SWS diagnosis

[P.54B-108](#).

INSIDE REAR VIEW MIRROR DIAGNOSIS

INTRODUCTION TO INSIDE REAR VIEW MIRROR DIAGNOSIS

M1521004200138

If the inside rear view mirror does not operate, the power supply system or the inside rear view mirror circuit may be defective.

INSIDE REAR VIEW MIRROR DIAGNOSTIC TROUBLESHOOTING STRATEGY

M1524003100717

Use these steps to plan your diagnostic strategy. If you follow them carefully, you will be sure that you have exhausted most of the possible ways to find a inside rear view mirror fault.

1. Gather information from the customer.

2. Verify that the condition described by the customer exists.
3. Find the malfunction by following the Symptom procedure.
4. Verify malfunction is eliminated.

SYMPTOM CHART

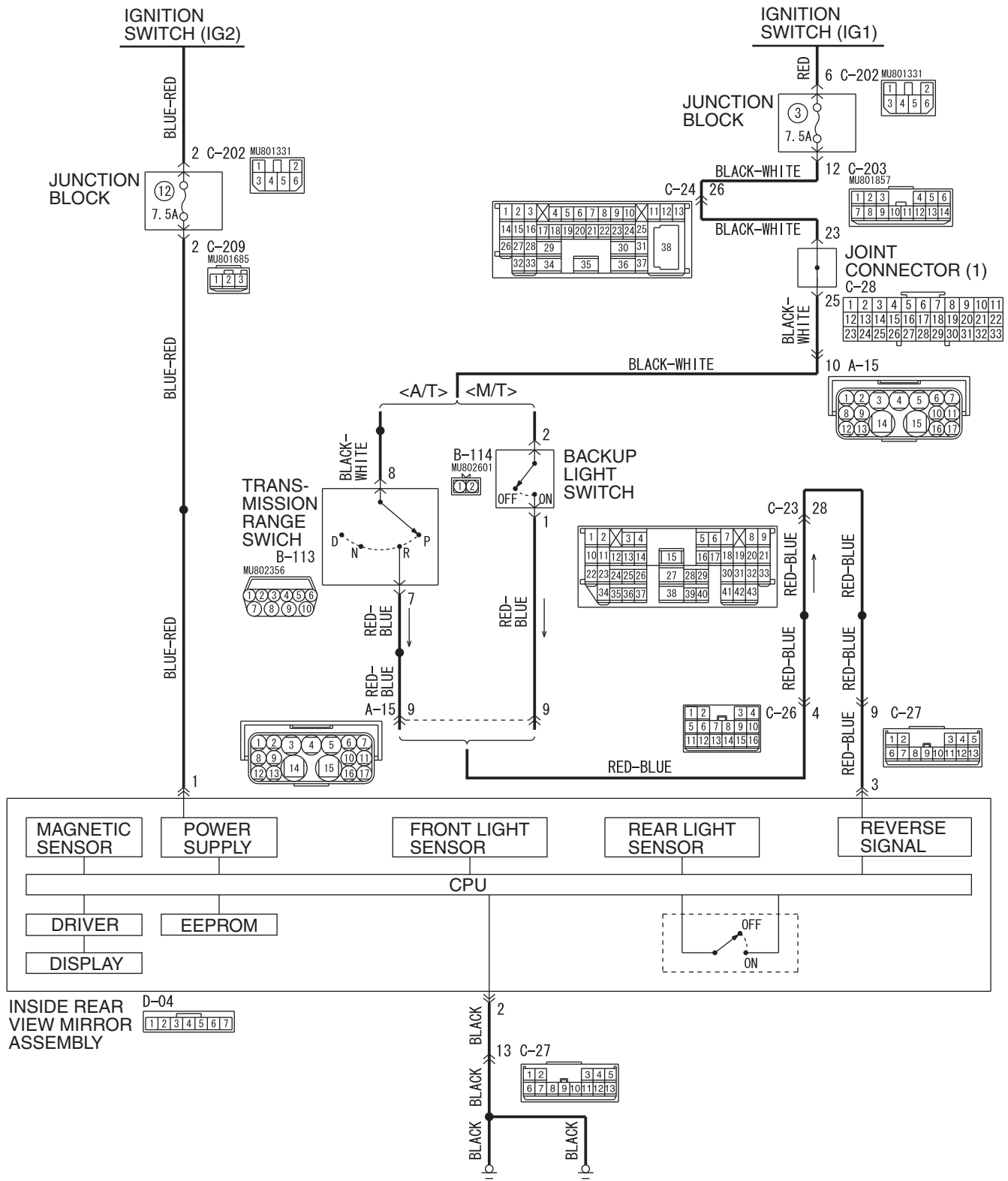
M1521003500192

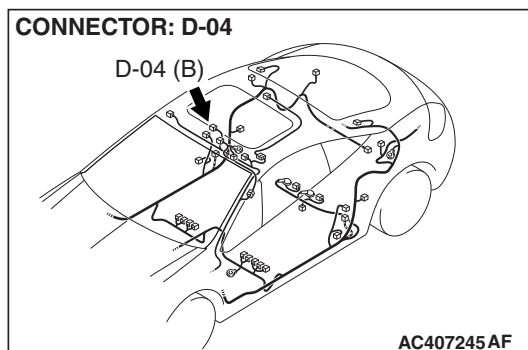
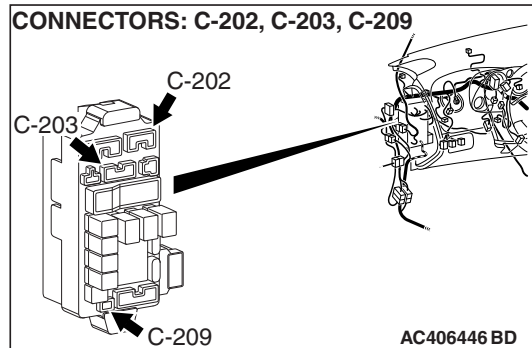
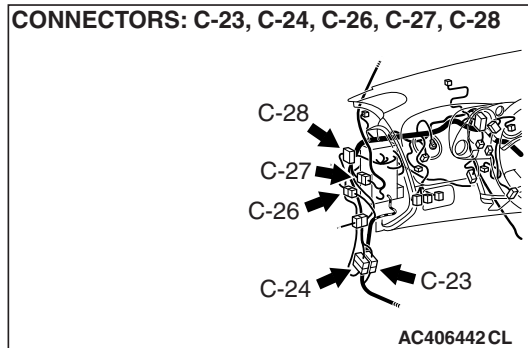
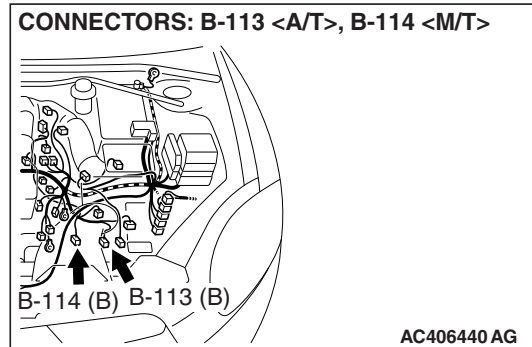
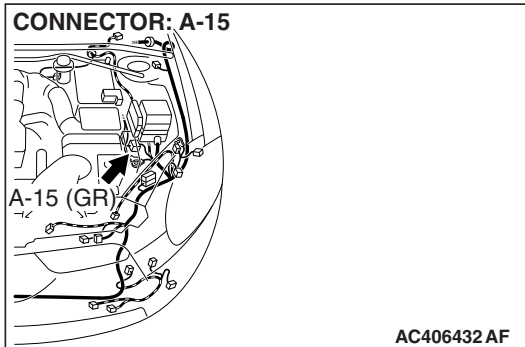
Symptom	Inspection procedure	Reference page
The inside rear view mirror can not be set to night mode <Without rear view camera>	1	P.52A-3
Rear view camera image is not correctly displayed <With rear view camera>	2	Refer to Group 54A – Rear View Camera P.54A-167

SYMPTOM PROCEDURES

INSPECTION PROCEDURE 1: The Inside Rear View Mirror can not be Set to Night Mode <Without rear view camera>

Automatic Anti-Glare Mirror Circuit <Without rear view camera>





FUNCTION

When the mirror switch is set to "AUTO", the anti-glare function is activated automatically.

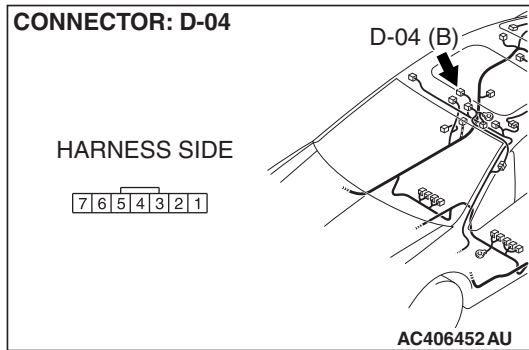
TROUBLESHOOTING HINTS

- Malfunction of connector.
- Malfunction of the inside rear view mirror assembly

DIAGNOSIS

Required Special Tools:

- MB991223: Harness Set
- MB992006: Extra Fine Probe

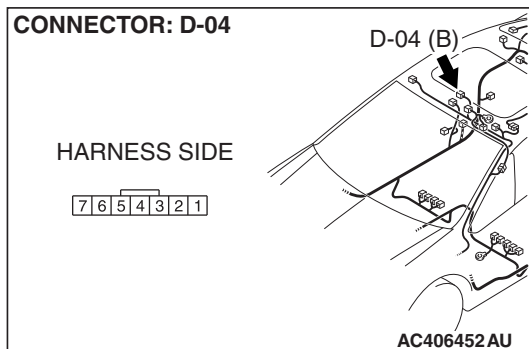


STEP 1. Check inside rear view mirror assembly connector D-04 for loose, corroded or damaged terminals, or terminals pushed back in the connector.

Q: Is inside rear view mirror assembly connector D-04 in good condition?

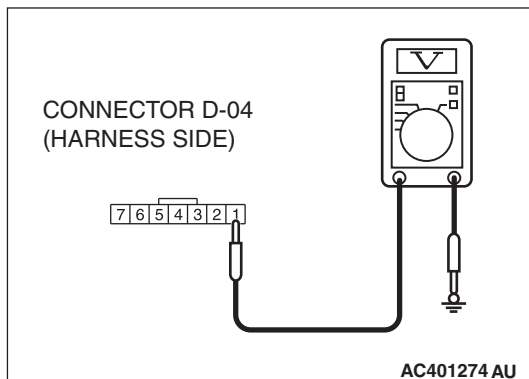
YES : Go to Step 2.

NO : Repair or replace the connector. Refer to GROUP 00E, Harness Connector Inspection [P.00E-2](#).



STEP 2. Measure the voltage at inside rear view mirror assembly connector D-04.

- (1) Disconnect inside rear view mirror assembly connector D-04, and measure the voltage at the wiring harness side.
- (2) Turn the ignition switch to the "ON" position.



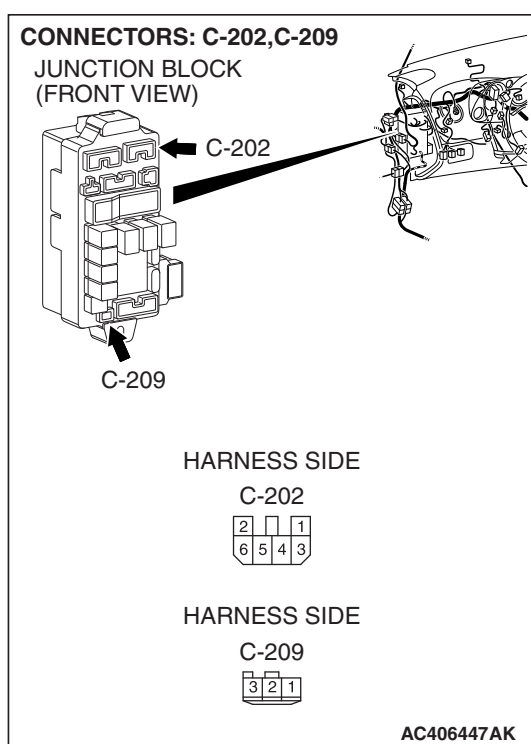
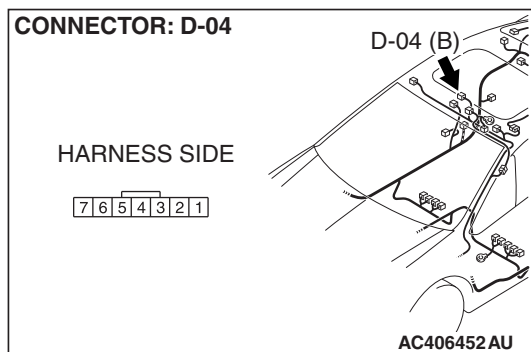
- (3) Measure the voltage between terminal 1 and ground.
 - The measured value should be approximately 12 volts (battery positive voltage).

Q: Is the measured voltage approximately 12 volts?

YES : Go to Step 4.

NO : Go to Step 3.

STEP 3. Check the wiring harness between inside rear view mirror assembly connector D-04 (terminal 1) and the ignition switch (IG2).

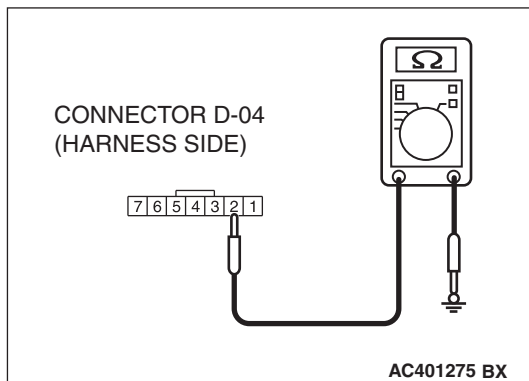
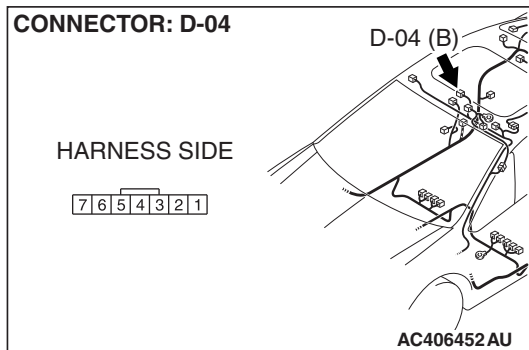


NOTE: Also check junction block connector C-202 and C-209 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If junction block connector C-202 and C-209 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

Q: Is the wiring harness between inside rear view mirror assembly connector D-04 (terminal 1) and the ignition switch (IG2) in good condition?

YES : It can be assumed that this malfunction is intermittent.
Refer to GROUP 00, How to Use
Troubleshooting/Inspection Service Points – How to
Cope with Intermittent Malfunctions [P.00-14](#).

NO : Repair the wiring harness.



STEP 4. Measure the resistance at inside rear view mirror assembly connector D-04.

(1) Disconnect inside rear view mirror assembly connector D-04, and measure the resistance at the wiring harness side.

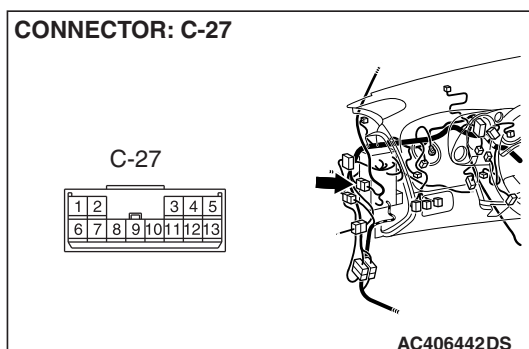
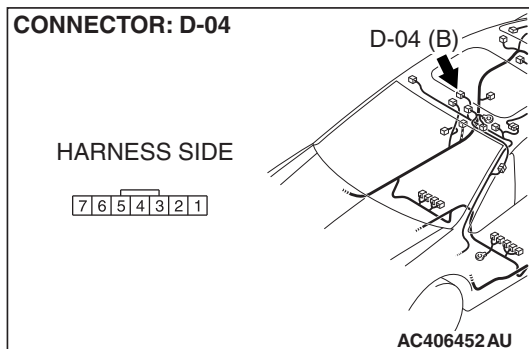
(2) Measure the resistance value between terminal 2 and ground.

- The measured value should be 2 ohms or less.

Q: Does the measured resistance value correspond with this range?

YES : Go to Step 6.

NO : Go to Step 5.



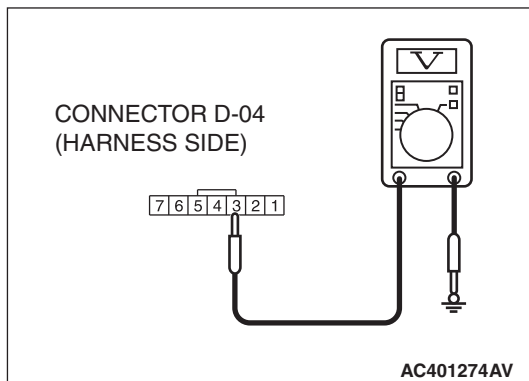
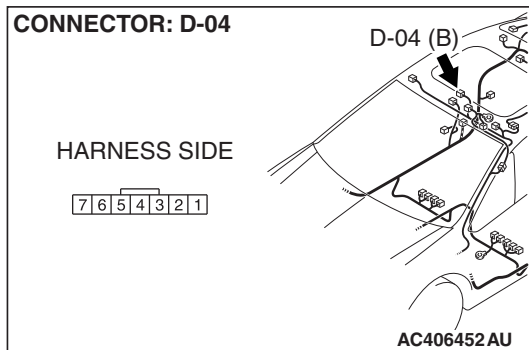
STEP 5. Check the wiring harness between inside rear view mirror assembly connector D-04 (terminal 2) and ground.

NOTE: Also check intermediate connector C-27 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If intermediate connector C-27 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

Q: Is the wiring harness between inside rear view mirror assembly connector D-04 (terminal 2) and ground in good condition?

YES : It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions [P.00-14](#).

NO : Repair the wiring harness.



STEP 6. Measure the voltage at inside rear view mirror assembly connector D-04.

- (1) Disconnect inside rear view mirror assembly connector D-04, and measure the voltage at the harness side.
- (2) Turn the ignition switch to the "ON" position.
- (3) Shift the shift lever to the reverse position. <M/T>
- (4) Shift the selector lever to the "R" range. <A/T>

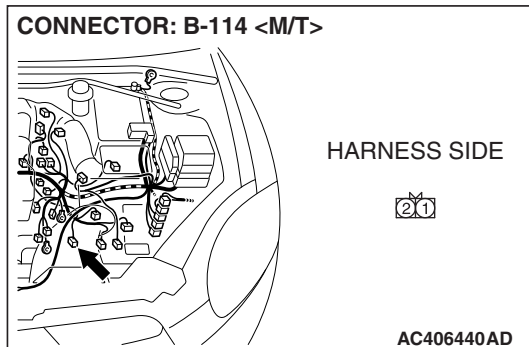
- (5) Measure the voltage between terminal 3 and ground.
 - The measured value should be approximately 12 volts (battery positive voltage).

Q: Is the measured voltage approximately 12 volts?

YES : Go to Step 17.

NO <M/T> : Go to Step 7.

NO <A/T> : Go to Step 12.

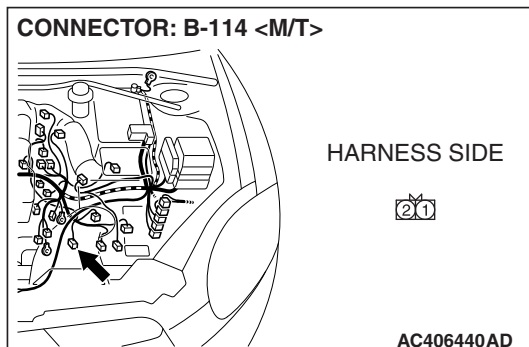


STEP 7. Check backup light switch connector B-114 for loose, corroded or damaged terminals, or terminals pushed back in the connector.

Q: Is the backup light switch connector B-114 in good condition?

YES : Go to Step 8.

NO : Repair or replace the damaged component(s). Refer to GROUP 00E, Harness Connector Inspection [P.00E-2](#).



STEP 8. Check the backup light switch.

Disconnect backup light switch connector B-114. Then check continuity between the switch terminals.

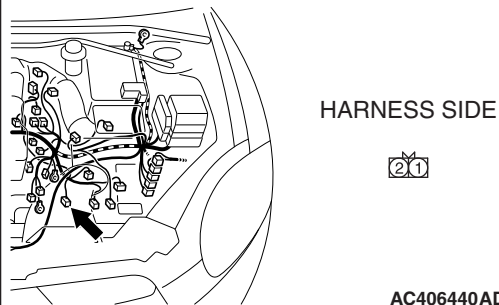
Switch position	Tester connection	Specified condition
Other than "R"	1 - 2	Open circuit
R	1 - 2	Less than 2 ohm

Q: Is the backup light switch in good condition?

YES : Go to Step 9.

NO : Replace the backup light switch.

CONNECTOR: B-114 <M/T>



STEP 9. Check the ignition switch (IG1) circuit to the backup light switch. Measure the voltage at backup light switch connector B-114.

- (1) Disconnect backup light switch connector B-114 and measure the voltage available at the wiring harness side of the connector.
- (2) Turn the ignition switch to the "ON" position.

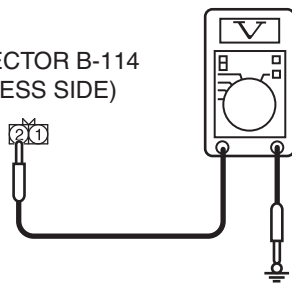
- (3) Measure the voltage between terminal 2 and ground.
 - The voltage should equal approximately 12 volts (battery positive voltage).

Q: Is the measured voltage approximately 12 volts (battery positive voltage)?

YES : Go to Step 11.

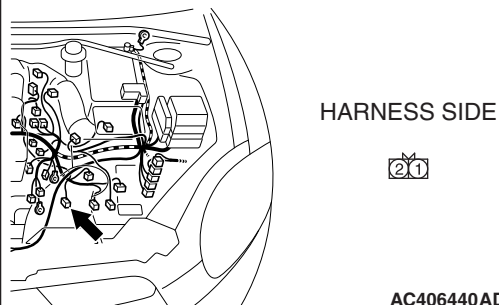
NO : Go to Step 10.

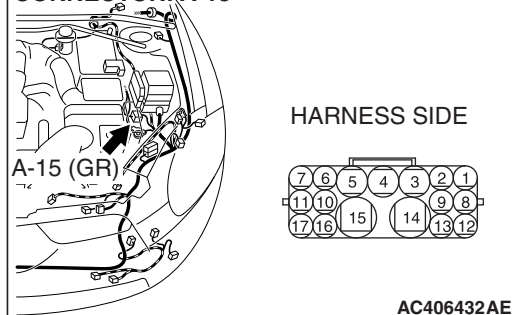
CONNECTOR B-114
(HARNESS SIDE)



STEP 10. Check the wiring harness between backup light switch connector B-114 (terminal 2) and the ignition switch (IG1).

CONNECTOR: B-114 <M/T>



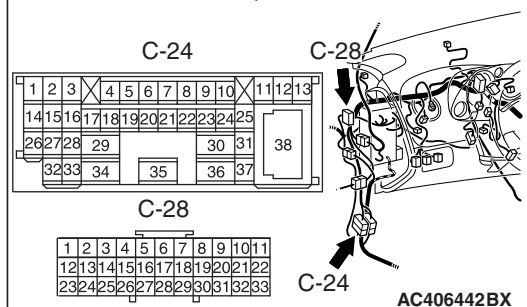
CONNECTOR: A-15

NOTE: Also check junction block connectors C-202, C-203, joint connector C-28, intermediate connectors A-15 and C-24 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If junction block connectors C-202, C-203, joint connector C-28, intermediate connectors A-15 or C-24 are damaged, Repair or replace the damaged component(s) as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

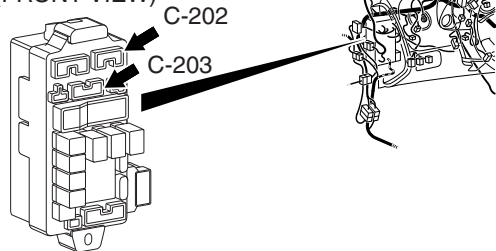
Q: Is the wiring harness between backup light switch connector B-114 (terminal 2) and the ignition switch (IG1) in good condition?

YES : No action is necessary and testing is complete.

NO : The wiring harness may be damaged or the connector(s) may have loose, corroded or damaged terminals, or terminals pushed back in the connector. Repair the wiring harness as necessary.

CONNECTORS: C-24, C-28**CONNECTORS: C-202, C-203**

JUNCTION BLOCK
(FRONT VIEW)



HARNESS SIDE

C-202

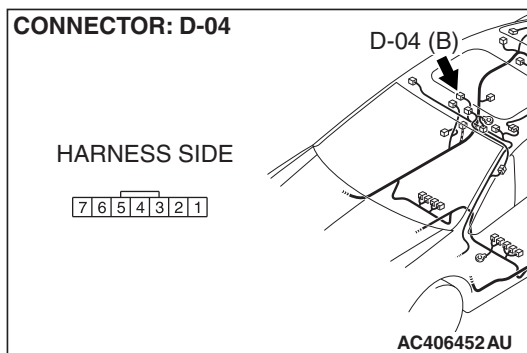
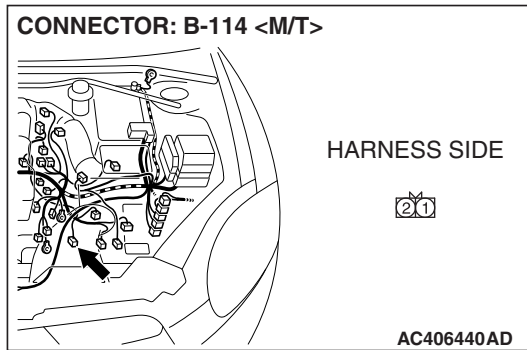
2	1
6	5

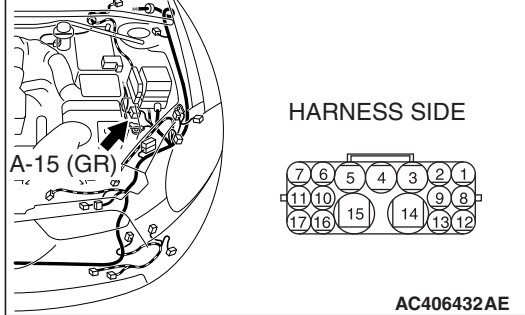
HARNESS SIDE

C-203

6	5	4			3	2	1
14	13	12	11	10	9	8	7

STEP 11. Check the wiring harness between inside rear view mirror assembly connector D-04 (terminal 3) and backup light switch connector B-114 (terminal 1).



CONNECTOR: A-15

NOTE: Also check intermediate connectors C-27, C-23, C-26 and A-15 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If intermediate connectors C-27, C-23, C-26 and A-15 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

Q: Is the wiring harness between inside rear view mirror assembly connector D-04 (terminal 3) and backup light switch connector B-114 (terminal 1) in good condition?

YES : It can be assumed that this malfunction is intermittent.

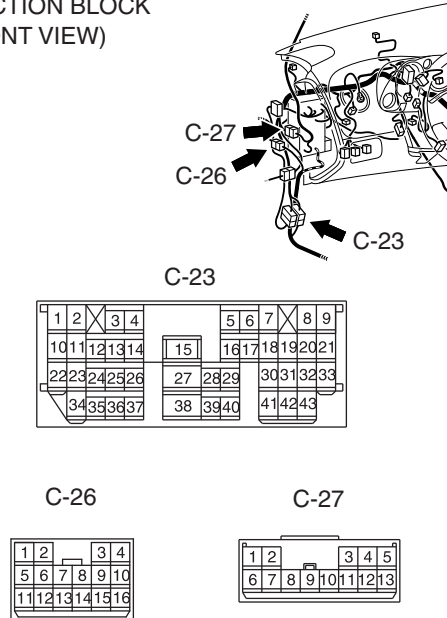
Refer to GROUP 00, How to Use

Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions [P.00-14](#).

NO : Repair the wiring harness.

CONNECTORS: C-23, C-26, C-27

JUNCTION BLOCK
(FRONT VIEW)

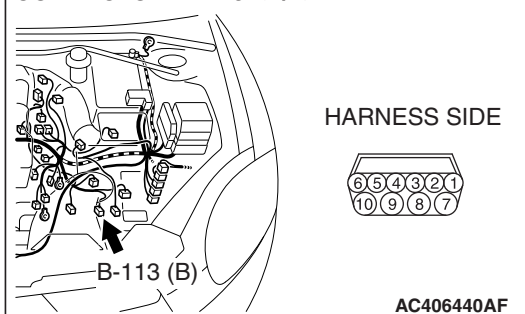


STEP 12. Check transmission range switch connector B-113 for loose, corroded or damaged terminals, or terminals pushed back in the connector.

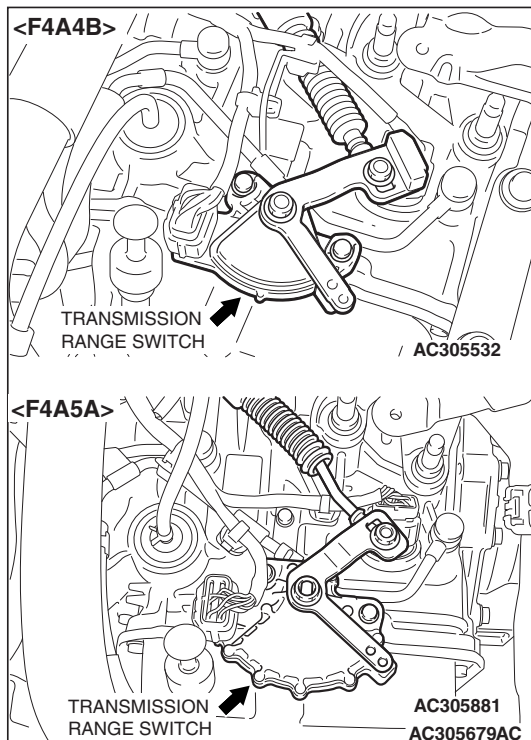
Q: Is the transmission range switch connector B-113 in good condition?

YES : Go to Step 13.

NO : Repair or replace the damaged component(s). Refer to GROUP 00E, Harness Connector Inspection [P.00E-2](#).

CONNECTOR: B-113 <A/T>

STEP 13. Check the transmission range switch.



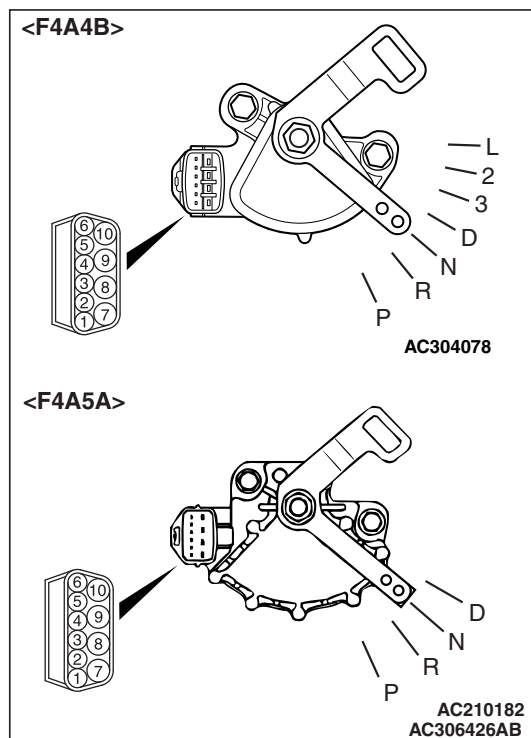
Transmission range	Terminal connection of tester	Specified condition
P	3 – 8, 9 – 10	Less than 2 ohms.
R	7 – 8	
N	4 – 8, 9 – 10	
D	1 – 8	
3	5 – 8	
2	2 – 8	
L	6 – 8	

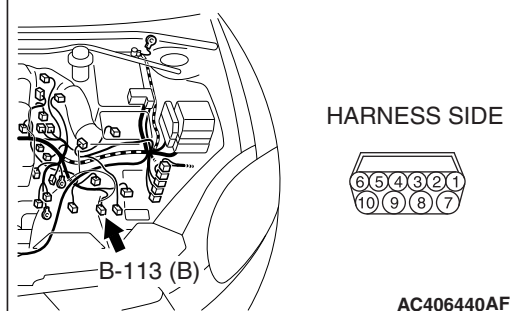
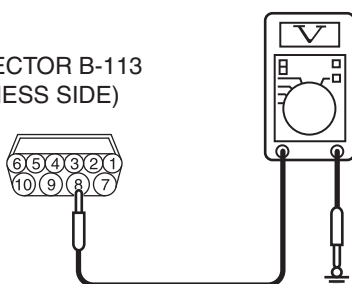
NOTE: For vehicles with sport mode, four positions (P, R, N, D) are used.

Q: Is the transmission range switch in good condition?

YES : Go to Step 14.

NO : Replace the transmission range switch.



CONNECTOR: B-113 <A/T>**CONNECTOR B-113
(HARNESS SIDE)**

STEP 14. Check the ignition switch (IG1) circuit to the backup light switch. Measure the voltage at transmission range switch connector B-113.

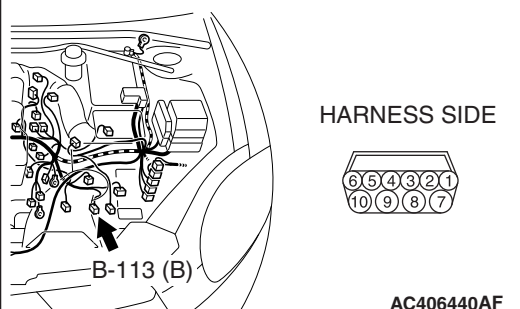
- (1) Disconnect transmission range switch connector B-113 and measure the voltage available at the wiring harness side of the connector.
- (2) Turn the ignition switch to the "ON" position.

- (3) Measure the voltage between terminal 8 and ground.
 - The voltage should equal approximately 12 volts (battery positive voltage).

Q: Is the measured voltage approximately 12 volts (battery positive voltage)?

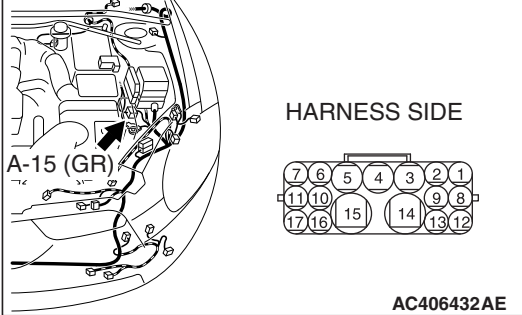
YES : Go to Step 16.

NO : Go to Step 15.

CONNECTOR: B-113 <A/T>

STEP 15. Check the wiring harness between transmission range switch connector B-113 (terminal 8) and the ignition switch (IG1).

CONNECTOR: A-15



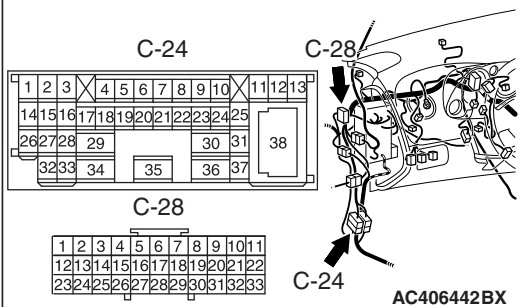
NOTE: Also check junction block connectors C-202, C-203, joint connector C-28, intermediate connectors A-15 and C-24 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If junction block connectors C-202, C-203, joint connector C-28, intermediate connectors A-15 or C-24 are damaged, Repair or replace the damaged component(s) as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

Q: Is the wiring harness between transmission range switch connector B-113 (terminal 8) and the ignition switch (IG1) in good condition?

YES : No action is necessary and testing is complete.

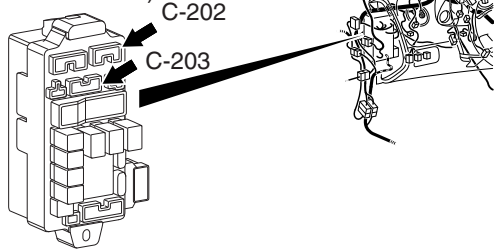
NO : The wiring harness may be damaged or the connector(s) may have loose, corroded or damaged terminals, or terminals pushed back in the connector. Repair the wiring harness as necessary.

CONNECTORS: C-24, C-28



CONNECTORS: C-202, C-203

JUNCTION BLOCK
(FRONT VIEW)



HARNESS SIDE
C-202

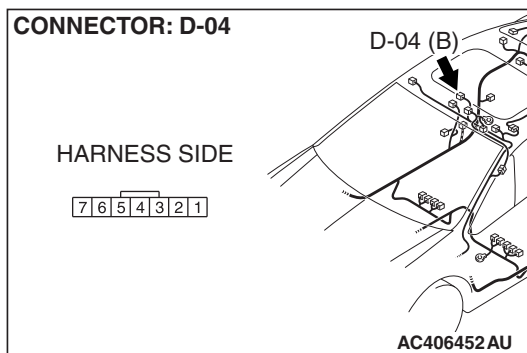
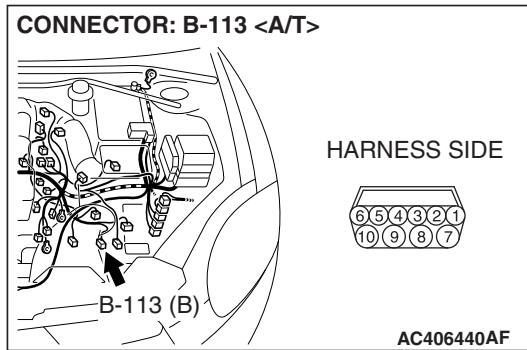
2	1
6	3

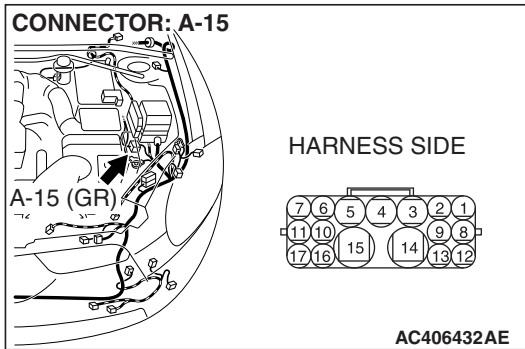
HARNESS SIDE
C-203

6	5	4	3	2	1
14	13	12	11	10	9
					8
					7

AC406447AN

STEP 16. Check the wiring harness between inside rear view mirror assembly connector D-04 (terminal 3) and transmission range switch connector B-113 (terminal 7).



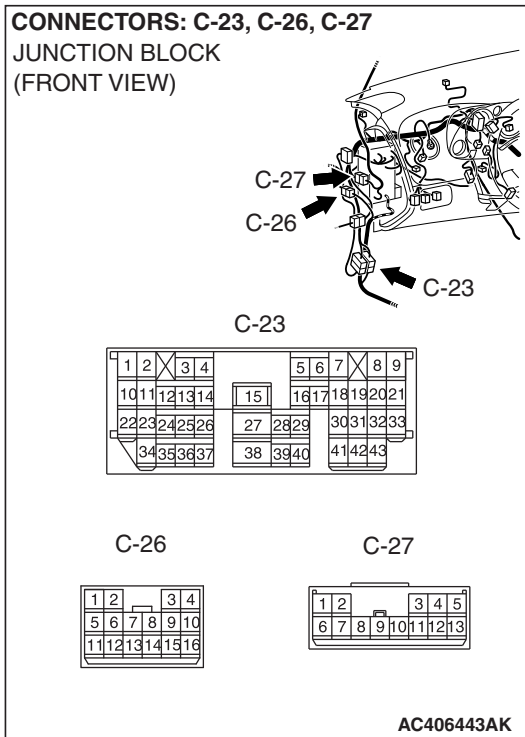


NOTE: Also check intermediate connectors C-27, C-23, C-26 and A-15 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If intermediate connectors C-27, C-23, C-26 and A-15 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection [P.00E-2](#).

Q: Is the wiring harness between inside rear view mirror assembly connector D-04 (terminal 3) and transmission range switch connector B-113 (terminal 7) in good condition?

YES : It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions [P.00-14](#).

NO : Repair the wiring harness.



STEP 17. Check the inside rear view mirror assembly.

Refer to [P.52A-18](#).

Q: Is the check result normal?

YES : It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions [P.00-14](#).

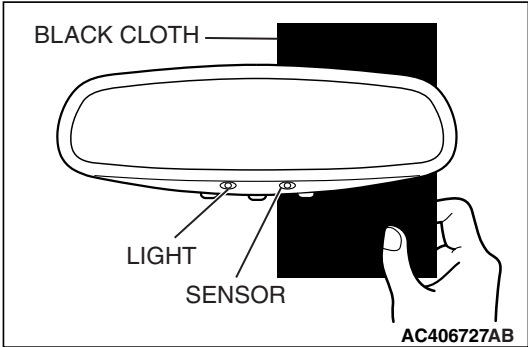
NO : Replace the inside rear view mirror assembly.

ON-VEHICLE SERVICE

AUTO-DIMMING FEATURE TEST

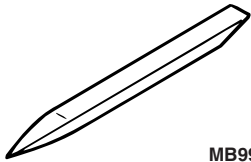
M1524012500069

- 1. Be sure the ignition is on and that the mirror is on. The green LED light to the right of the main display switch will be lit when the mirror is on. If it's not, depress the "TEMP" side of the main display switch for 15 seconds.
- 2. Cover the forward-facing light sensor on the back of the mirror with a black cloth.
- 3. While in a well-lit area, make sure light strikes the sensor on the front of the mirror, simulating glare from vehicles behind you. The mirror will dim within 2 minutes if testing for the first time. If the mirror does not dim, replace the inside rear view mirror.



SPECIAL TOOL

M1521000600424

Tool	Tool number and name	Supersession	Application
 MB990784	MB990784 Ornament remover	General service tool	Removal of switch, trim, etc.

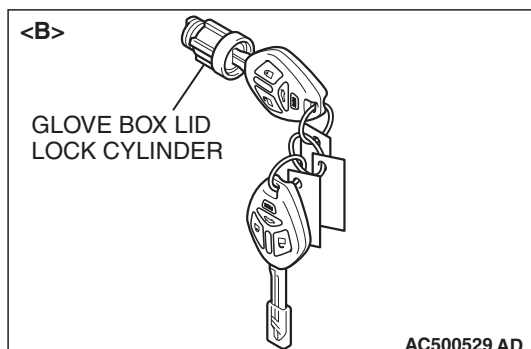
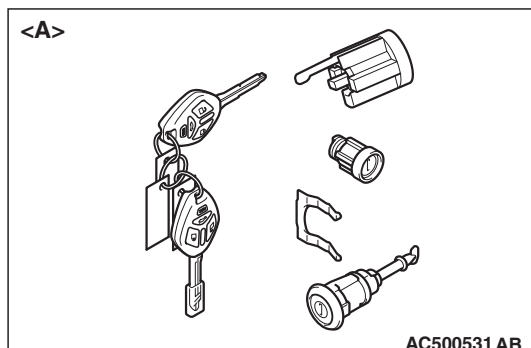
INSTRUMENT PANEL ASSEMBLY

REMOVAL AND INSTALLATION

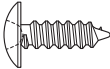
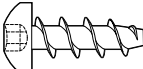

M1521001702237

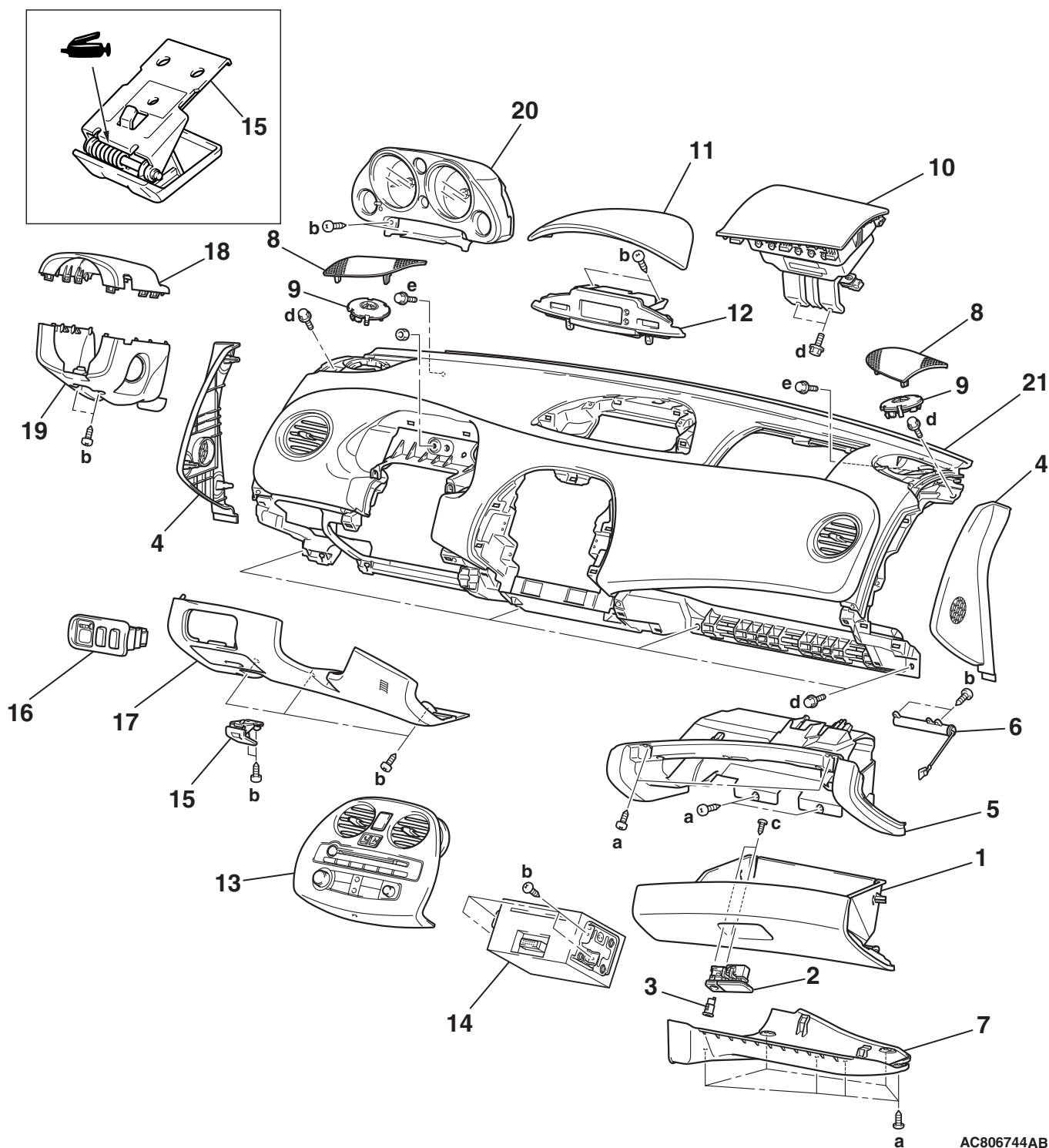
CAUTION

- Refer to GROUP 52B, SRS Service Precautions [P.52B-28](#) and Air bag Module and Clock Spring [P.52B-423](#) before removing the passenger side air bag module.
- Do not subject the SRS-ECU to any shocks when removing or installing the instrument panel.
- When the glove box lid lock cylinder is replaced by key set of illustration <A>, register the encrypted code with the bar code on the ignition key in the key set. Refer to GROUP 54A, Encrypted Code Registration Criteria Table [P.54A-19](#).
- When replacing by the glove box lid lock cylinder of illustration , do not register the encrypted code with the bar code on the ignition key supplied simultaneously.



The following bolts and screws are used for installing the instrument panel. Bolts and screws are indicated as marks shown in the illustration in the sections of "Removal and Installation" and "Disassembly and Assembly."

Name	Symbol	Size (D × L) mm	Color	Shape
TAPPING SCREW	a	5 × 12	-	 AC104450
	b	5 × 16	-	
	c	8 × 15	-	 AC307531
WASHER ASSEMBLY BOLT	d	6 × 16	-	 AC104417
	e	6 × 30	-	



AC806744AB

REMOVAL STEPS

- FLOOR CONSOLE ASSEMBLY
(REFER TO [P.52A-28.](#))
- 1. GLOVE BOX ASSEMBLY
- 2. GLOVE BOX LOCK
- 3. GLOVE BOX LID LOCK
CYLINDER
- 4. INSTRUMENT PANEL SIDE
COVER
- 5. INSTRUMENT PANEL PARCEL
BOX

<<A>>

REMOVAL STEPS (Continued)

- 6. GLOVE BOX DAMPER
- 7. INSTRUMENT PANEL UNDER
COVER
- FRONT PILLAR TRIM (REFER TO
[P.52A-30.](#))
- 8. FRONT SPEAKER GARNISH
- 9. FRONT SPEAKER

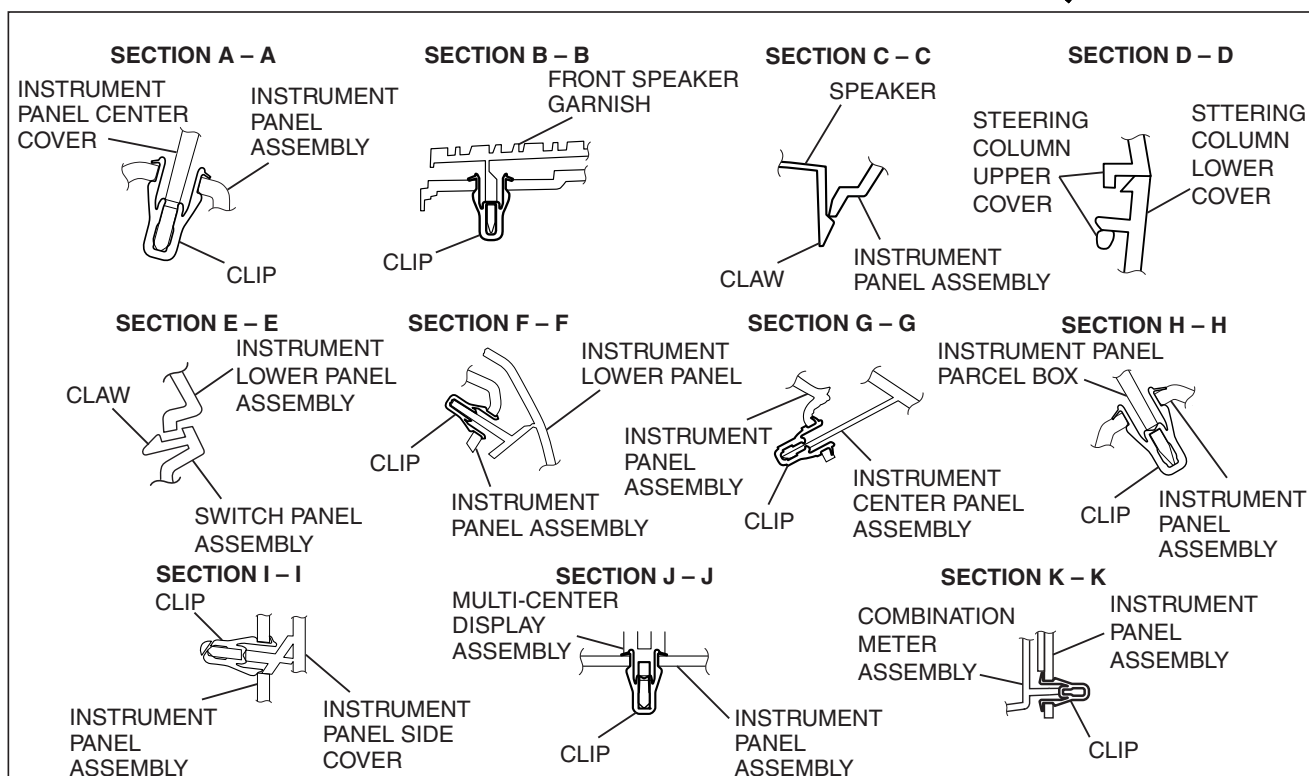
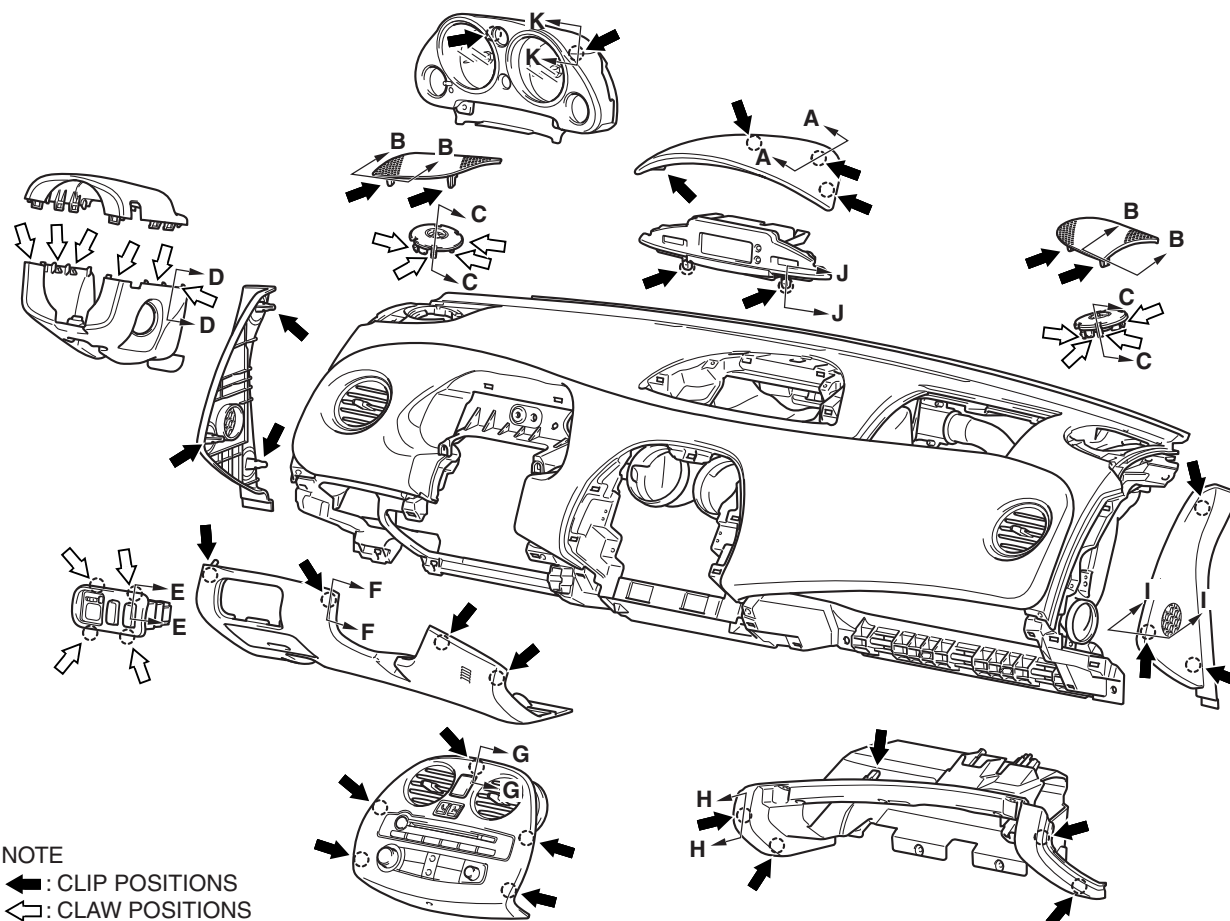
REMOVAL STEPS (Continued)

10. AIR BAG MODULE ASSEMBLY
<PASSENGER'S (FRONT)>
(REFER TO GROUP 52B, AIR
BAG MODULE(S) AND CLOCK
SPRING [P.52B-423.](#)) <>
11. INSTRUMENT PANEL CENTER
COVER <>
12. MULTI-CENTER DISPLAY
ASSEMBLY
13. INSTRUMENT CENTER PANEL
ASSEMBLY
14. RADIO, CD PLAYER ASSEMBLY
OR RADIO, CD PLAYER AND CD
CHANGER ASSEMBLY
15. HOOD LOCK RELEASE HANDLE
16. SWITCH PANEL ASSEMBLY
17. INSTRUMENT LOWER PANEL
ASSEMBLY <>
 - AIR BAG MODULE ASSEMBLY
<DRIVER'S SIDE> (REFER TO
GROUP 52B, AIR BAG
MODULE(S) AND CLOCK
SPRING [P.52B-423.](#)) <<C>>
 - STEERING WHEEL ASSEMBLY
(REFER TO GROUP 37,
STEERING WHEEL [P.37-27.](#))

REMOVAL STEPS (Continued)

18. STEERING COLUMN UPPER
COVER
19. STEERING COLUMN LOWER
COVER
 - CLOCK SPRING CONNECTOR
 - COLUMN SWITCH CONNECTOR
 - CLOCK SPRING AND COLUMN
SWITCH ASSEMBLY (REFER TO
GROUP 37, STEERING SHAFT
[P.37-29.](#))
20. COMBINATION METER
ASSEMBLY
 - FLOOR CONSOLE ASSEMBLY
(REFER TO [P.52A-28.](#))
 - COWL SIDE TRIM (REFER TO
[P.52A-30.](#))
 - AIR BAG MODULE CONNECTOR
<PASSENGER'S (FRONT)>
(REFER TO GROUP 52B, AIR
BAG MODULE AND CLOCK
SPRING [P.52B-423.](#))
21. INSTRUMENT PANEL ASSEMBLY

CLIP AND CLAW POSITIONS

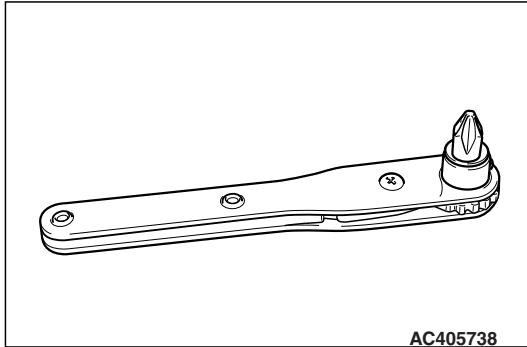


AC806745AB

REMOVAL SERVICE POINT

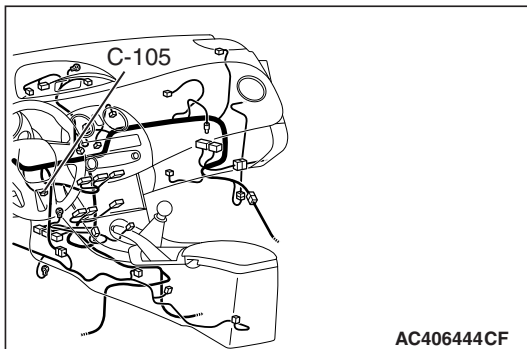
<<A>> INSTRUMENT PANEL UNDER COVER REMOVAL

Use a commercial ratchet screwdriver to remove the instrument panel under cover mounting screw.

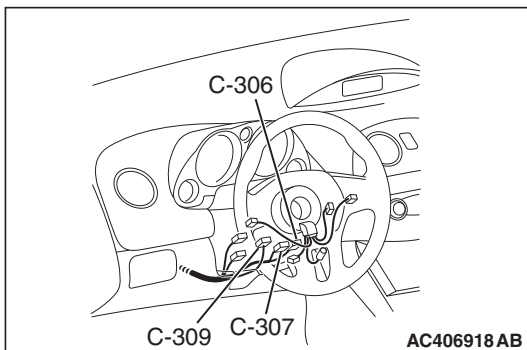


<> CONNECTOR DISCONNECTION

Disconnect the connectors shown in the illustration.

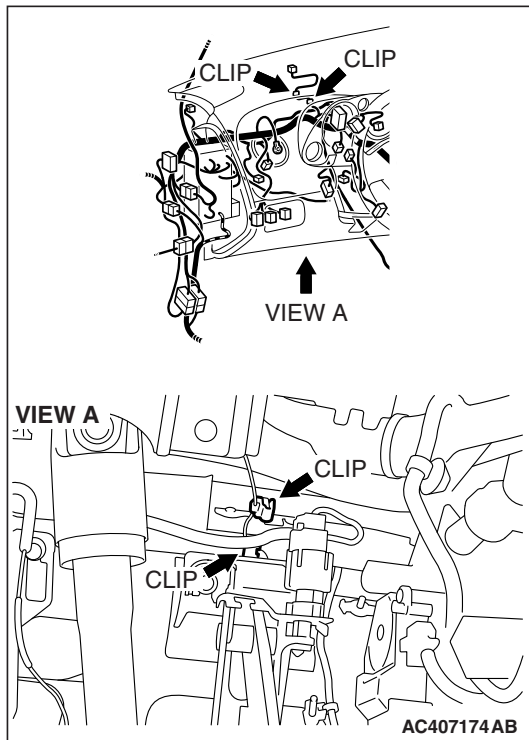


Connector number	Connector name
C-105 (2)	Heater air intake duct sensor connector
C-306 (6)	Clock spring connector
C-307 (4-Y)	Clock spring connector
C-309 (10)	Column switch connector

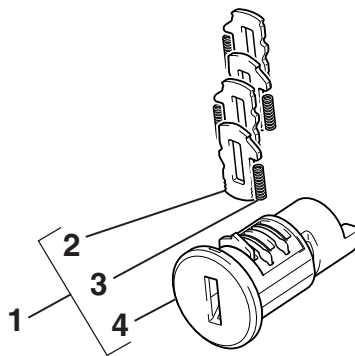


**<<C>> INSTRUMENT PANEL ASSEMBLY
REMOVAL**

Slide the instrument panel slightly and remove the clip from the instrument panel as shown and disconnect the photo sensor connector.

**GLOVE BOX LOCK CYLINDER DISASSEMBLY AND ASSEMBLY**

M1521012000032



AC605787AB

DISASSEMBLE STEPS

- <<A>> >>A<<**
1. CYLINDER SUB-ASSEMBLY
 2. TUMBLER

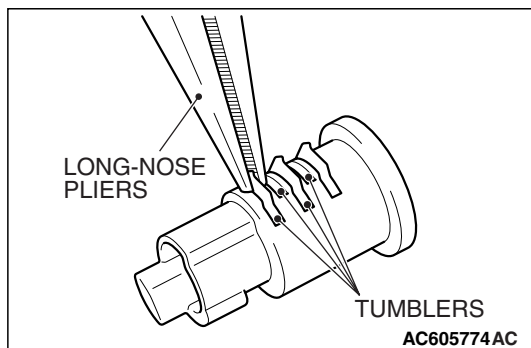
DISASSEMBLE STEPS

3. TUMBLER SPRING
4. CYLINDER PLUG

DISASSEMBLY SERVICE POINT

<<A>> TUMBLER DISASSEMBLY

Withdraw the tumblers by using the long-nose pliers.



ASSEMBLY SERVICE POINT

>>A<< TUMBLER ASSEMBLY

<How to select the tumbler when the tumbler layout information can be obtained by the key code>

1. From the key code select the proper tumbler combinations required to make a functional lock, reference key biting and tumbler placement chart (refer to table 1).
2. Insert a spring in each of the spring pockets.
3. Glove lock uses notch depths 5 through 8. Insert the required numbered tumblers (starting with the number 5 notch) based on the key code in each of the tumbler wards.
4. Depress the tumblers until till you feel a snap. The tumblers should be secure and above the diameter of the cylinder body.
5. Insert key in lock to check if the lock has been coded correctly. The tumblers should drop and be in line the diameter of the cylinder plug. If any of the tumblers are above the diameter of the cylinder plug remove that tumbler and insert the correct tumbler number and verify.
6. Follow the installation process to the latch.

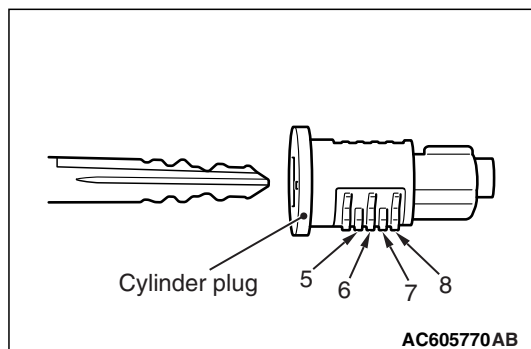


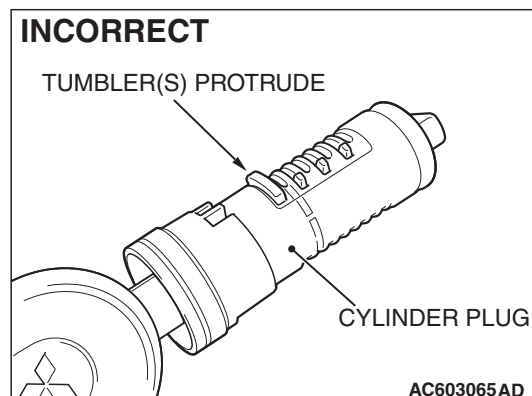
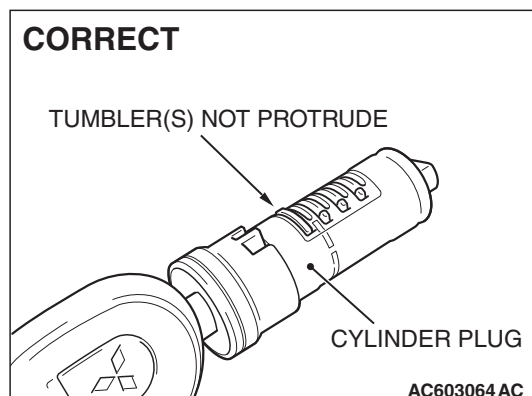
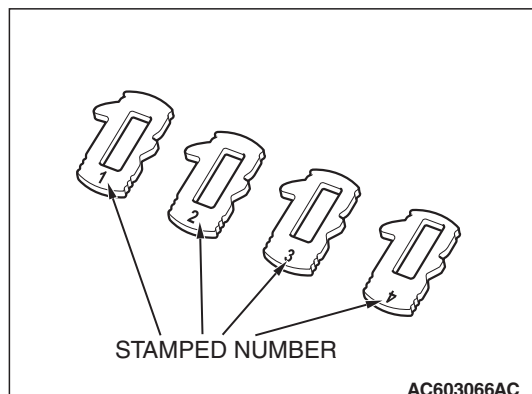
Table 1: Key cord to tumbler placement

	Head of key/Cylinder							Tip of key	
Notch location	1	2	3	4	5	6	7	8	
All Ignitions	X	X	X	X	X	X	X	X	All spaces
Door	X	X	X	X	X	X	X	X	All spaces
Deck	X	X	X	X	X	X	X	X	All spaces
Trunk Release				X	X	X	X	X	5 spaces
I/P					X	X	X	X	Last 4 spaces

NOTE: The mark X in the table indicates the stamped number (from 1 to 4) on the tumbler.

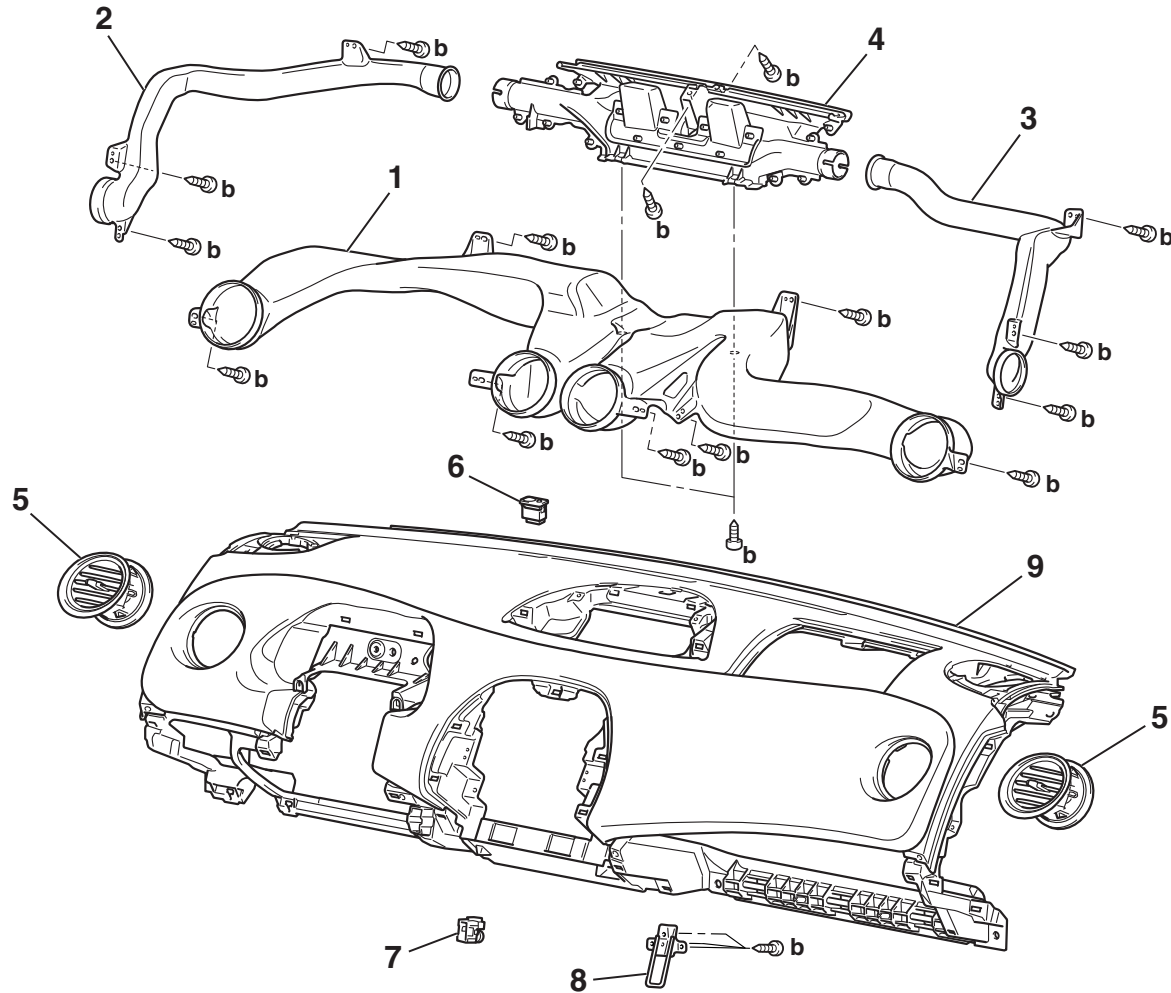
<How to select the tumbler when the tumbler layout information cannot be obtained by the key code>

1. The repair kit contains 20 tumblers (five tumblers for each No. 1 to 4.)
2. Insert the tumbler spring into the cylinder plug spring pocket.
3. Set the tumbler No. 1 onto the cylinder plug tumbler chamber, and insert the key. Then, check that the tumbler is not protruding from the cylinder plug.
4. When the tumbler is not protruding, the correct tumbler is selected. Otherwise, the wrong tumbler is selected. If the wrong tumbler has been selected, remove the tumbler No. 1, and set the tumbler in the order from No. 2 to 4. Then, check the key insertion state and select the tumbler which does not protrude from the cylinder plug.
5. Repeat the steps previously mentioned, and set the correct tumbler into all tumbler chambers. Insert the key at last, and check that all the tumblers are clearly arranged, not protruding from the cylinder plug.



DISASSEMBLY AND ASSEMBLY

M1521001900569



AC405723AB

DISASSEMBLY STEPS

1. VENTILATOR AIR DISTRIBUTION DUCT
2. SIDE DEFROSTER DUCT LH
3. SIDE DEFROSTER DUCT RH
4. DEFROSTER NOZZLE
5. INSTRUMENT PANEL SIDE AIR OUTLET
6. PHOTO SENSOR <VEHICLES WITH AUTOMATIC AIR CONDITIONING> (REFER TO GROUP 55B, SENSORS [P.55B-183.](#))

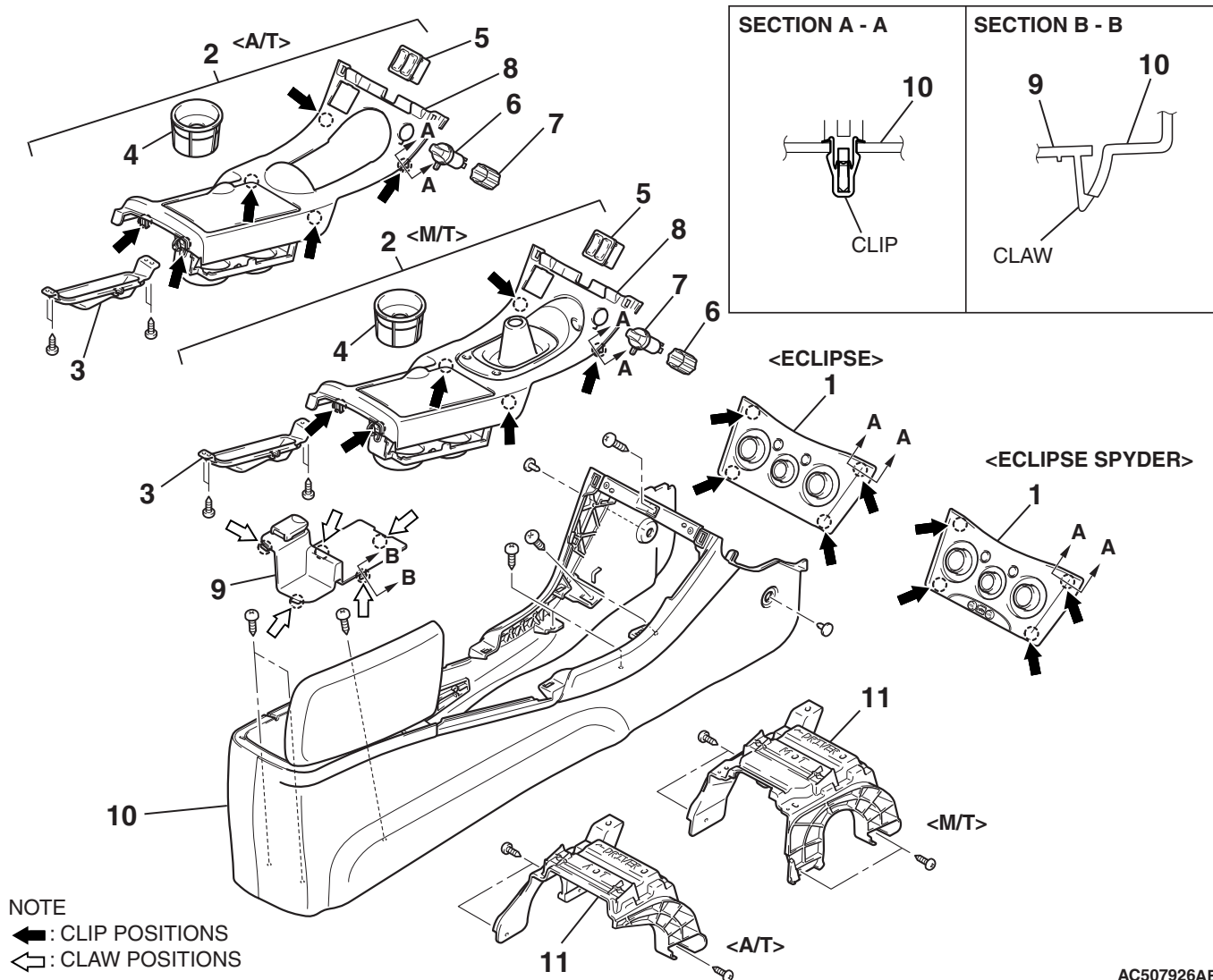
DISASSEMBLY STEPS

7. HEATER AIR INTAKE DUCT SENSOR <VEHICLES WITH AUTOMATIC AIR CONDITIONING> (REFER TO GROUP 55B, SENSORS [P.55B-183.](#))
8. GLOVEBOX STRIKER
9. INSTRUMENT PANEL

FLOOR CONSOLE ASSEMBLY

REMOVAL AND INSTALLATION

M1521002200499



AC507926AB

REMOVAL STEPS

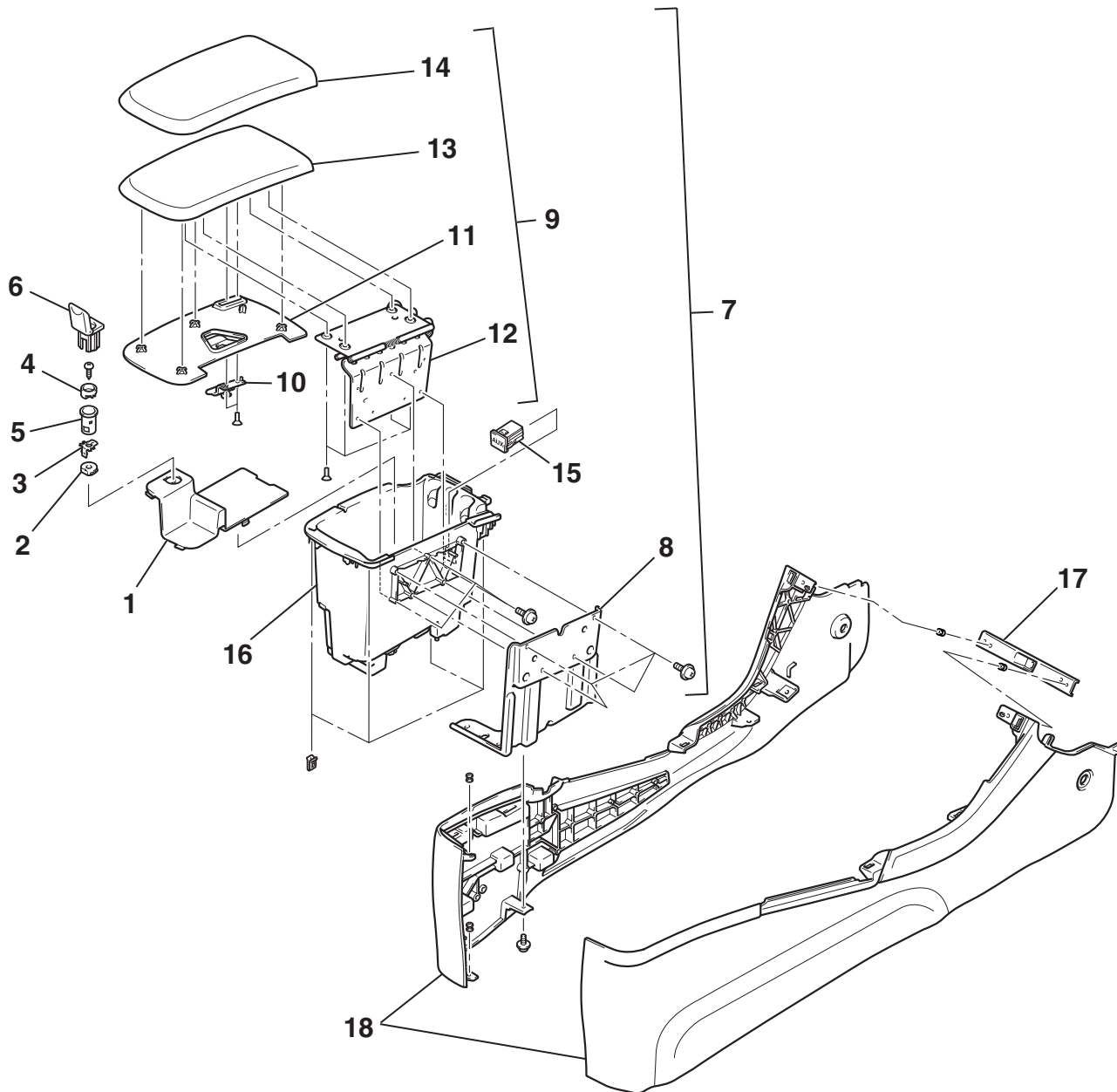
1. CENTER PANEL ASSEMBLY
2. FLOOR CONSOLE CENTER PANEL ASSEMBLY
3. PARK BRAKE BOOT PANEL
4. CUP HOLDER INSERT
5. HEATED SEAT SWITCH
<VEHICLES WITH HEATEDSEAT>
6. ACCESSORY SOCKET (ACC)

REMOVAL STEPS (Continued)

7. ACCESSORY SOCKET (ACC) COVER
8. FLOOR CONSOLE CENTER PANEL
9. FLOOR CONSOLE PLATE BOX ASSEMBLY
10. FLOOR CONSOLE ASSEMBLY
11. FLOOR CONSOLE BRACKET

DISASSEMBLY AND ASSEMBLY

M1521002400200



AC808187AB

REMOVAL STEPS

1. FLOOR CONSOLE PLATE BOX
2. ACCESSORY SOCKET (BATTERY) TERMINAL
3. ACCESSORY SOCKET (BATTERY) TERMINAL
4. ACCESSORY SOCKET (BATTERY) CASE A
5. ACCESSORY SOCKET (BATTERY) CASE B
6. ACCESSORY SOCKET (BATTERY) COVER
7. FLOOR CONSOLE BOX ASSEMBLY

REMOVAL STEPS (Continued)

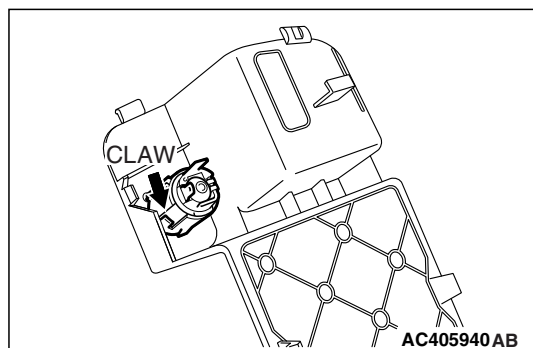
8. CONSOLE BRACKET
9. LID ASSEMBLY
10. LID LOCK LEVER
11. ARMREST LINER
12. ARMREST HINGE
13. ARMREST SUBSTRATE
14. ARMREST SKIN
15. AUX ADAPTER
16. FLOOR CONSOLE BOX
17. BASE SIDE PANEL STRAP SPACER
18. BASE SIDE PANEL

<<A>>

REMOVAL SERVICE POINT

<<A>> ACCESSORY SOCKET (BATTERY) CASE B

Disengage the claw shown in the illustration and remove the accessory socket.

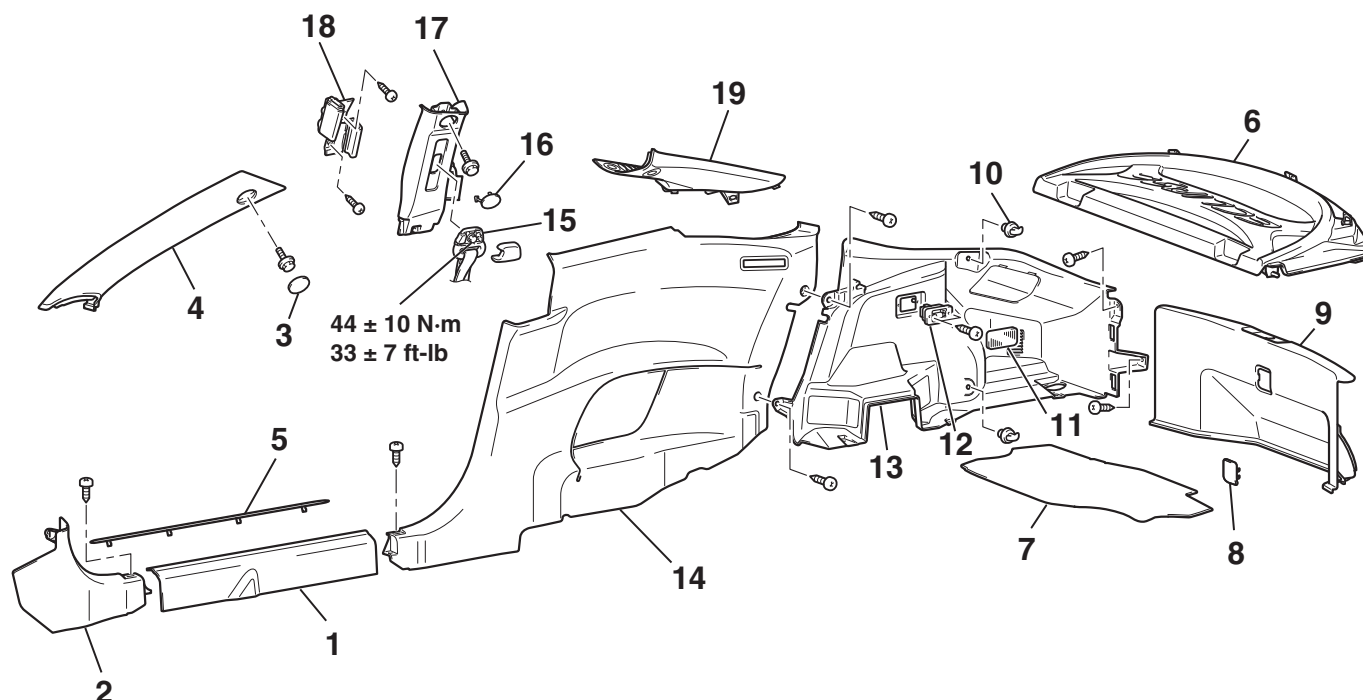


TRIMS

REMOVAL AND INSTALLATION

M1521001101652

<ECLIPSE>



AC405655 AB

<<A>>

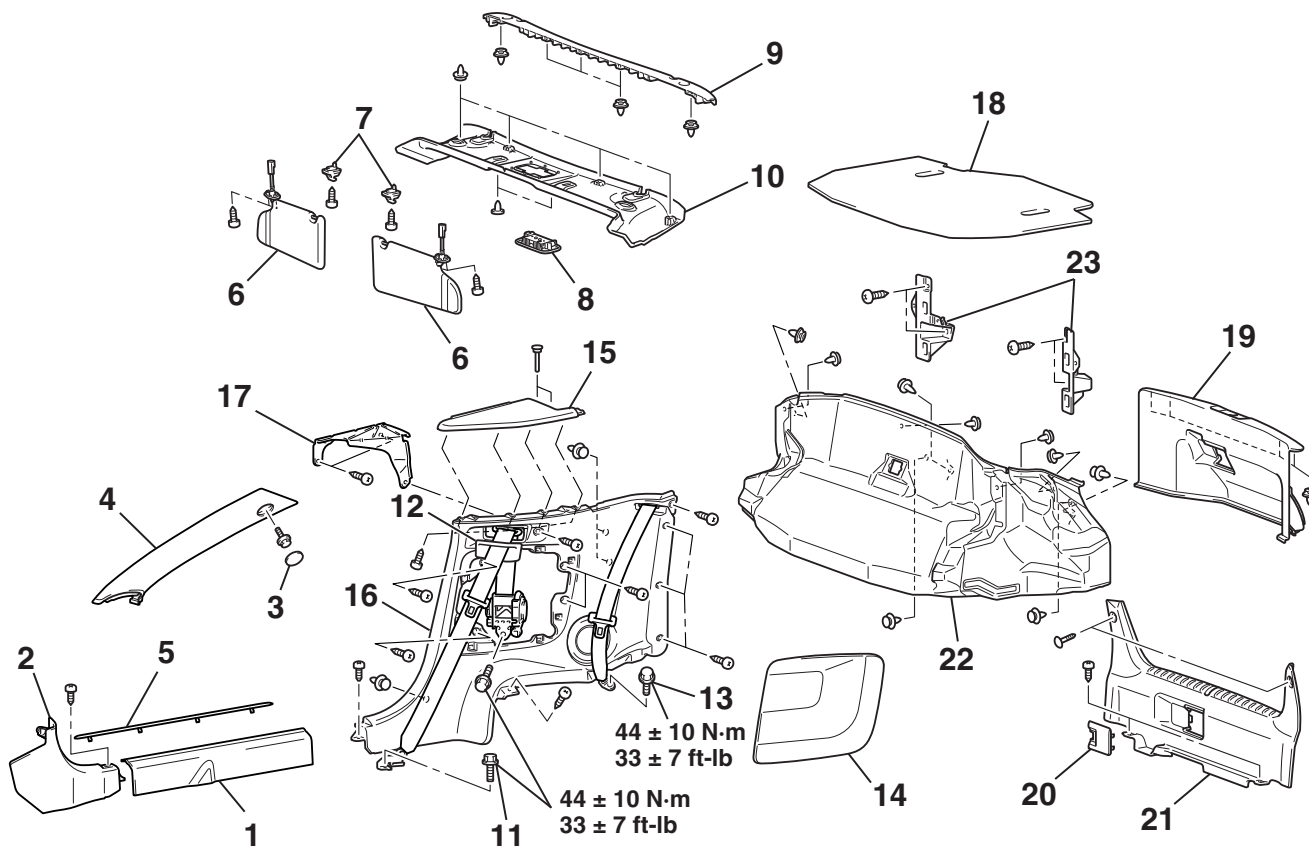
1. SCUFF PLATE INNER
2. COWL SIDE TRIM
3. SCREW CAP
4. FRONT PILLAR TRIM
5. OUTER SCUFF PLATE
- REAR SEAT CUSHION
(REFER TO [P.52A-49.](#))
- REAR SEAT BACK ASSEMBLY
(REFER TO [P.52A-49.](#))

- REAR SEAT BELT LOWER ANCHOR BOLT (REFER TO [P.52A-57.](#))
- 6. REAR SHELF TRIM
- 7. TRUNK ROOM FLOOR BOARD
- 8. REAR END TRIM COVER
- 9. REAR END TRIM
- 10. LUGGAGE HOOK
- 11. LUGGAGE COMPARTMENT LIGHT LENS

12. LUGGAGE COMPARTMENT
LIGHT
13. REAR SIDE TRIM
14. QUARTER TRIM LOWER
15. FRONT SEAT BELT SHOULDER
ANCHOR BOLT

16. SCREW CAP
17. CENTER PILLAR TRIM UPPER
18. ENERGY ABSORBER TUBE
ASSEMBLY
19. REAR PILLAR TRIM

<ECLIPSE SPYDER>



AC808189AB

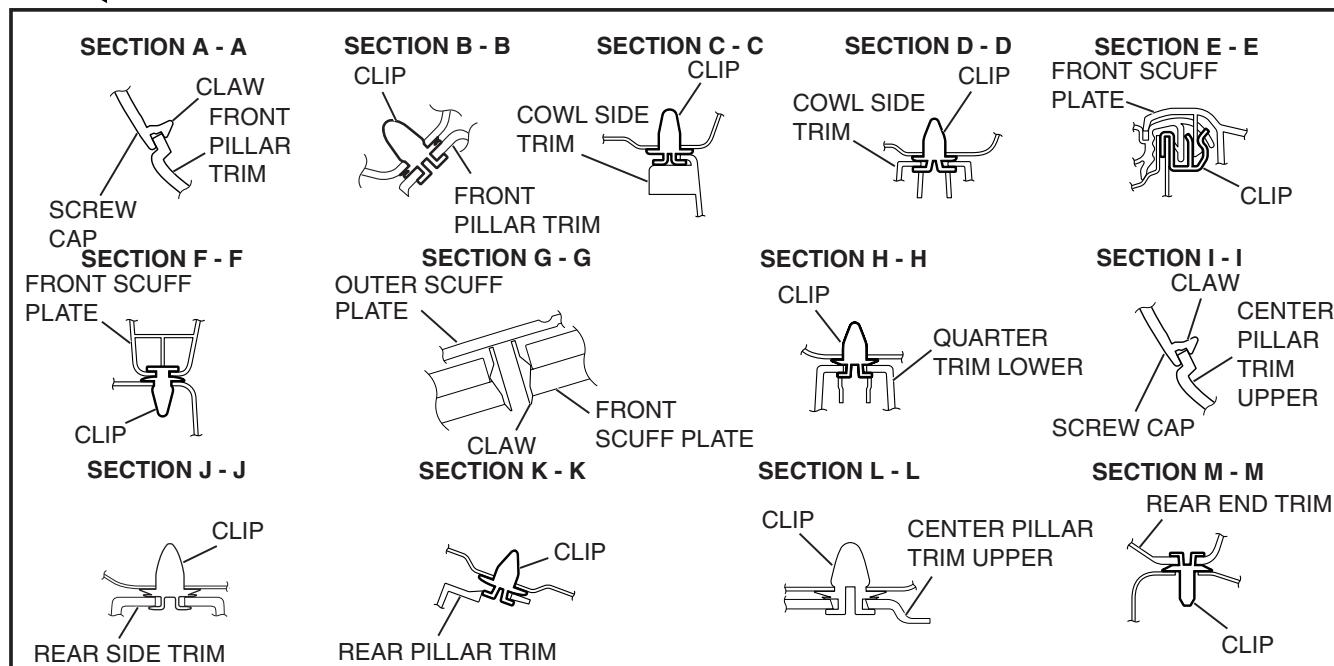
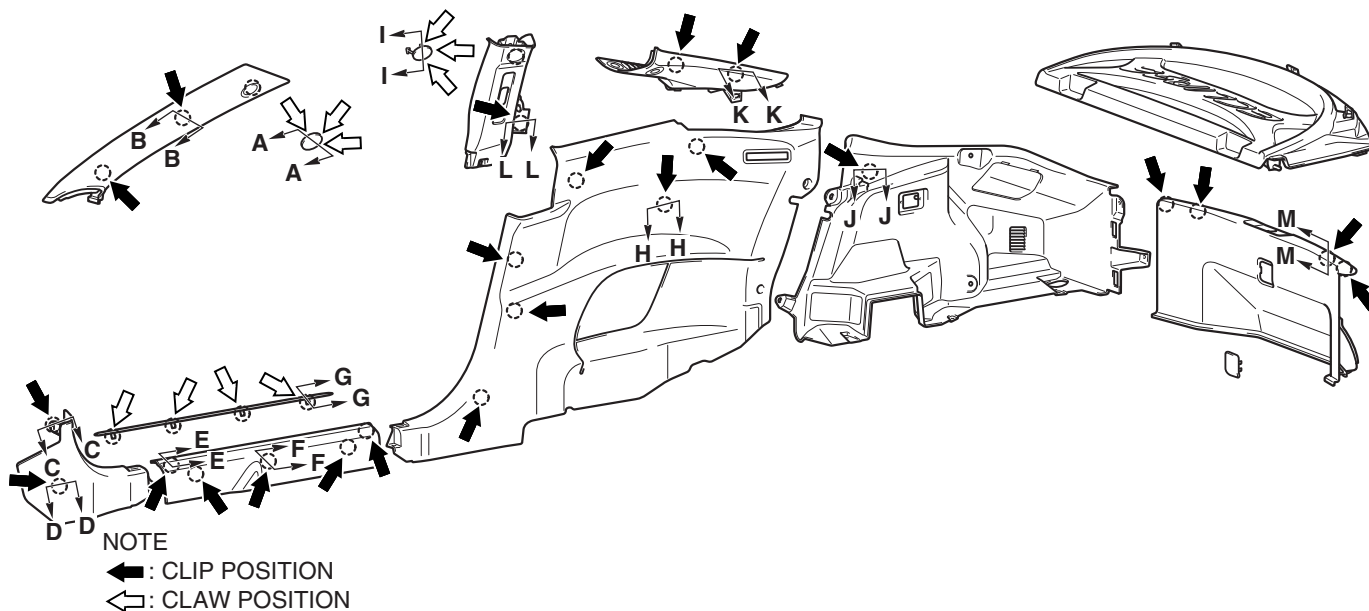
<<A>>

1. SCUFF PLATE INNER
2. COWL SIDE TRIM
3. SCREW CAP
4. FRONT PILLAR TRIM
5. OUTER SCUFF PLATE
6. SUNVISOR
7. SUNVISOR HOLDER
8. DOME AND MAP LIGHT
9. HEADER UPPER TRIM
10. HEADER LOWER TRIM
- REAR SEAT CUSHION
(REFER TO P.52A-49.)
- REAR SEAT BACK ASSEMBLY
(REFER TO P.52A-49.)

11. FRONT SEAT BELT LOWER
ANCHOR BOLT
12. FRONT SEAT BELT GUIDE
13. REAR SEAT BELT LOWER
ANCHOR BOLT
14. QUARTER TRIM COVER
15. QUARTER TRIM UPPER
16. QUARTER TRIM LOWER
17. QUARTER TRIM BRACKET
18. TRUNK ROOM FLOOR BOARD
19. REAR END TRIM
20. REAR END TRIM COVER
21. REAR END TRIM LID
22. TRUNK ROOM TRIM
23. TRUNK ROOM TRIM BRACKET

CLIP AND CLAW POSITION

<ECLIPSE>



AC406400AB

NOTE
 ─ : CLIP POSITION
 ⇐ : CLAW POSITION

The diagram illustrates the assembly of the front door. Key components and their installation points are labeled as follows:

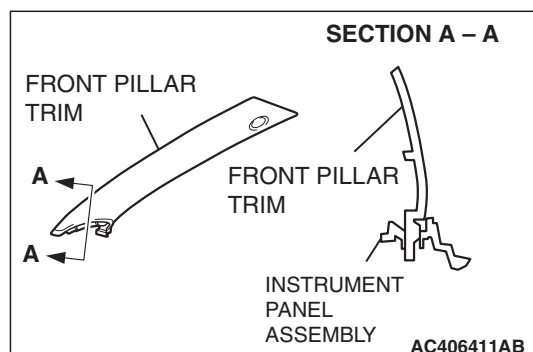
- A**: Points to the hinge area of the door body.
- B**: Points to the hinge pins.
- C**: Points to the hinge pins on the inner door panel.
- D**: Points to the hinge pins on the inner door panel.
- E**: Points to the hinge pins on the inner door panel.
- F**: Points to the hinge pins on the inner door panel.
- G**: Points to the hinge pins on the inner door panel.
- H**: Points to the hinge pins on the inner door panel.
- I**: Points to the hinge pins on the inner door panel.
- J**: Points to the hinge pins on the inner door panel.
- K**: Points to the hinge pins on the inner door panel.
- L**: Points to the hinge pins on the inner door panel.
- M**: Points to the hinge pins on the inner door panel.
- N**: Points to the hinge pins on the inner door panel.



REMOVAL SERVICE POINT

<<A>> FRONT PILLAR TRIM REMOVAL

Release the clip and remove the interphone microphone (Refer to GROUP 54A, Hands-free cellular phone system [P.54A-307.](#)) at the left side (vehicles with hands-free cellular phone system) and the front pillar trim by pulling it to the direction shown.

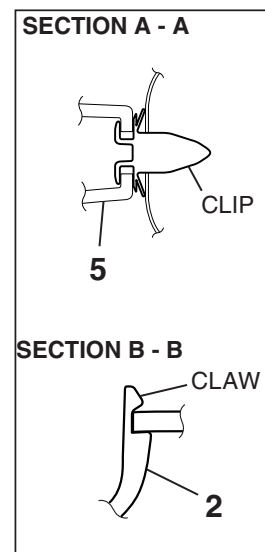
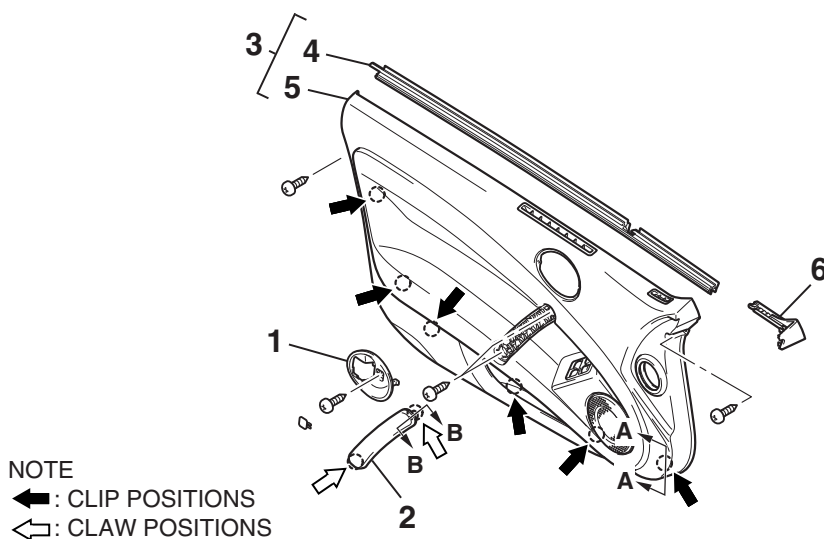


DOOR TRIM

REMOVAL AND INSTALLATION

M1521006400417

<FRONT DOOR TRIM>



AC406358 AB

<<A>>

REMOVAL STEPS

1. INSIDE HANDLE COVER
2. ASSIST GRIP
3. BELT LINE INNER WEATHERSTRIP AND FRONT DOOR TRIM ASSEMBLY
4. BELT LINE INNER WEATHERSTRIP
5. FRONT DOOR TRIM ASSEMBLY
6. FRONT CLOSE OUT

INSTALLATION STEPS

6. FRONT CLOSE OUT
4. BELT LINE INNER WEATHERSTRIP
5. FRONT DOOR TRIM ASSEMBLY
2. ASSIST GRIP
1. INSIDE HANDLE COVER

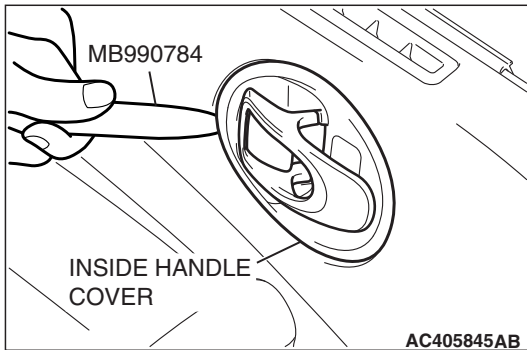
Required Special Tool:

- MB990784: Ornament Remover

REMOVAL SERVICE POINT

<<A>> INSIDE HANDLE COVER REMOVAL

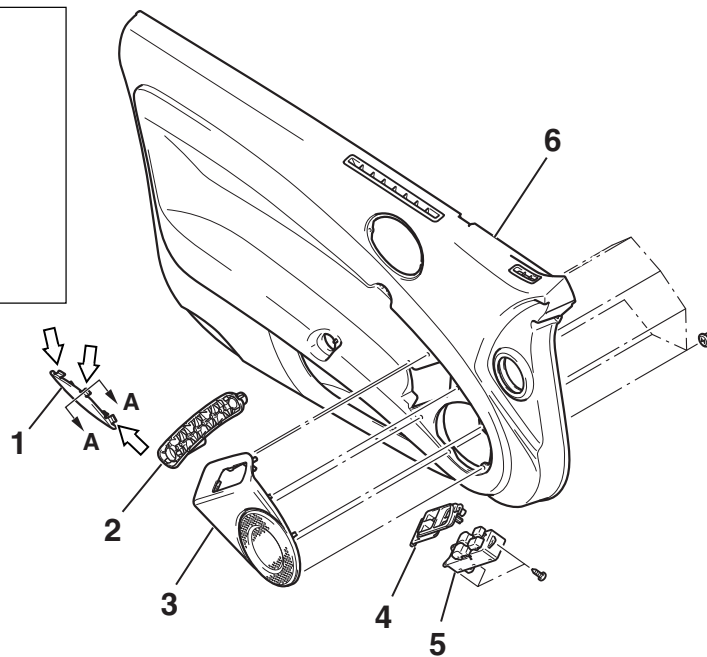
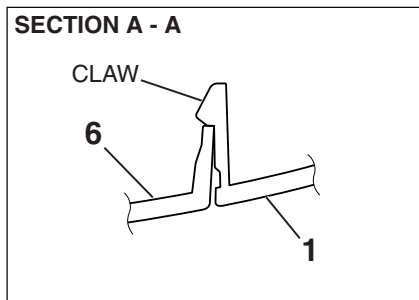
Insert special tool MB990784 as shown to remove the inside handle cover.



DISASSEMBLY AND ASSEMBLY

M1521006900122

<FRONT DOOR TRIM>



NOTE

⇐ : CLAW POSITION

AC407049AB

DISASSEMBLY STEPS

1. REFLECTOR
2. GRAB HANDLE
3. SWITCH PLATE SPEAKER GRILLE

DISASSEMBLY STEPS

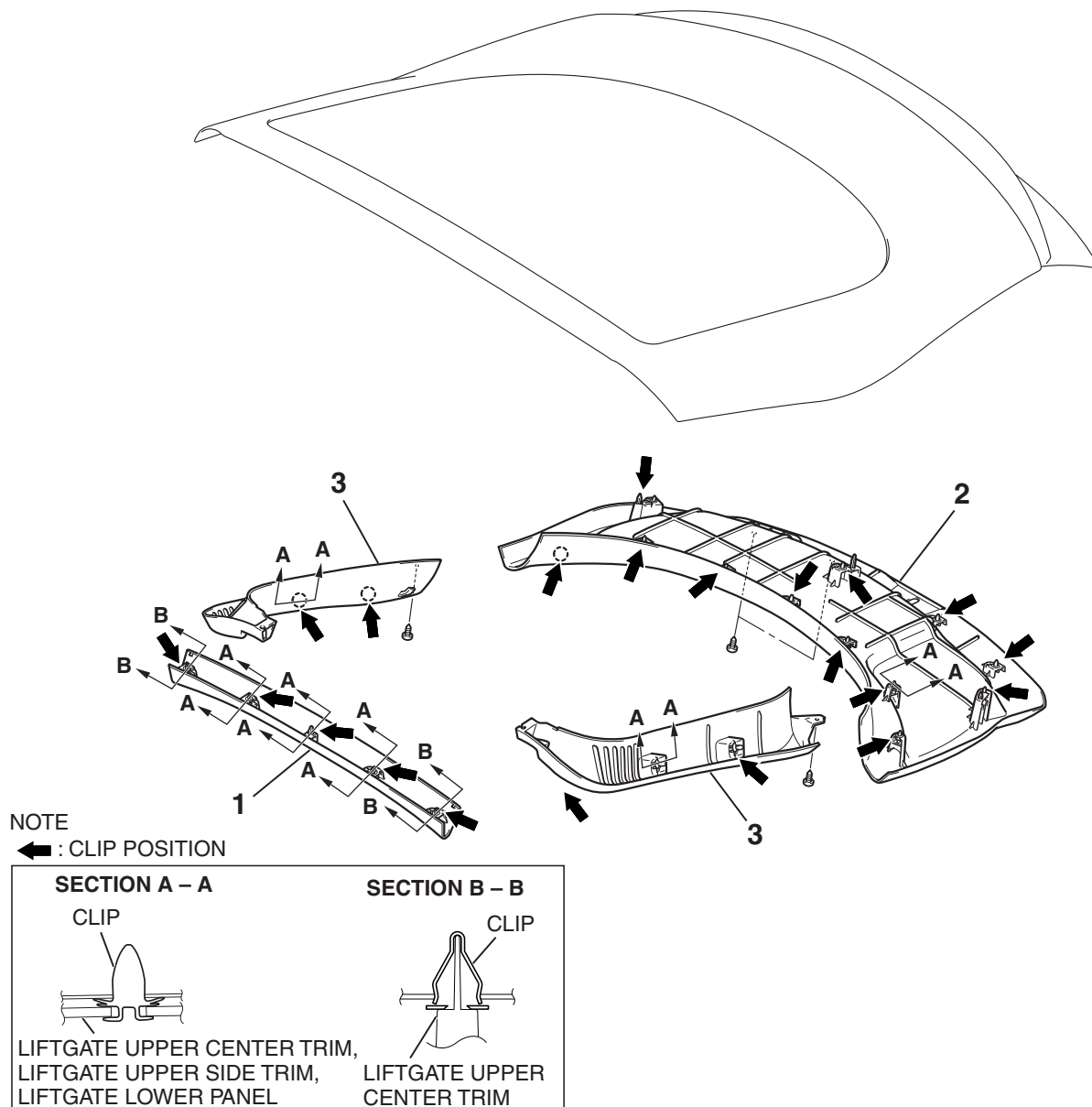
4. POWER WINDOW SWITCH PANEL ASSEMBLY
5. POWER WINDOW MAIN SWITCH
6. FRONT DOOR TRIM

LIFTGATE TRIM

REMOVAL AND INSTALLATION

M1521008000084

<ECLIPSE>

**REMOVAL STEPS**

1. LIFTGATE UPPER CENTER TRIM
2. LIFTGATE LOWER TRIM

REMOVAL STEPS (Continued)

3. LIFTGATE UPPER SIDE TRIM

AC406828AB

HEADLINING

REMOVAL AND INSTALLATION

M1521001401493

<ECLIPSE>

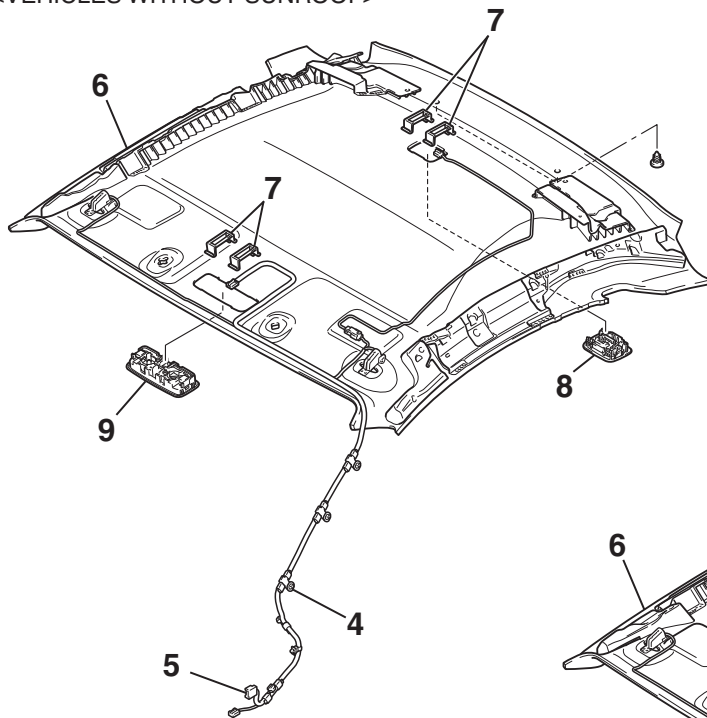
⚠ WARNING

When removing and installing the front passenger seat, be sure to carry out accuracy check of occupant classification sensor after the seat has been installed in the vehicle. (Refer to GROUP 52B, On-vehicle Service [P.52B-410](#).)

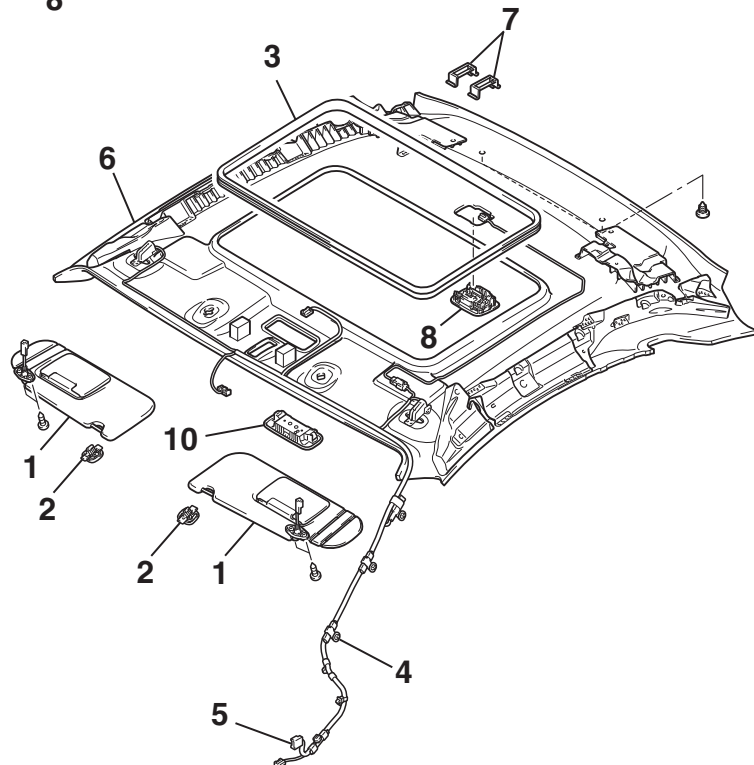
Pre-removal and Post-installation Operation

- Removal and Installation of Rear Seat Cushion Assembly and Rear Seatback Assembly (Refer to [P.52A-49](#).)
- Removal and Installation of Front Pillar Trim, Center pillar Trim Upper and Rear Pillar Trim (Refer to [P.52A-30](#).)

<VEHICLES WITHOUT SUNROOF>



<VEHICLES WITH SUNROOF>



REMOVAL STEPS

1. SUNVISOR
2. SUNVISOR HOLDER

REMOVAL STEPS (Continued)

3. SUNROOF OPENING TRIM
<VEHICLES WITH SUNROOF>

AC808191AB

REMOVAL STEPS (Continued)

<<A>>

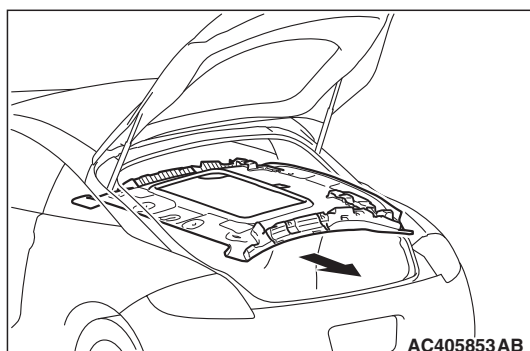
- INSTRUMENT PANEL SIDE COVER (REFER TO P.52A-19.)
- 4. ROOF HARNESS CLAMP
- 5. ROOF HARNESS CONNECTOR
- 6. HEADLINING ASSEMBLY
- 7. DOME LIGHT CLIP
- 8. REAR DOME LIGHT ASSEMBLY

REMOVAL STEPS (Continued)

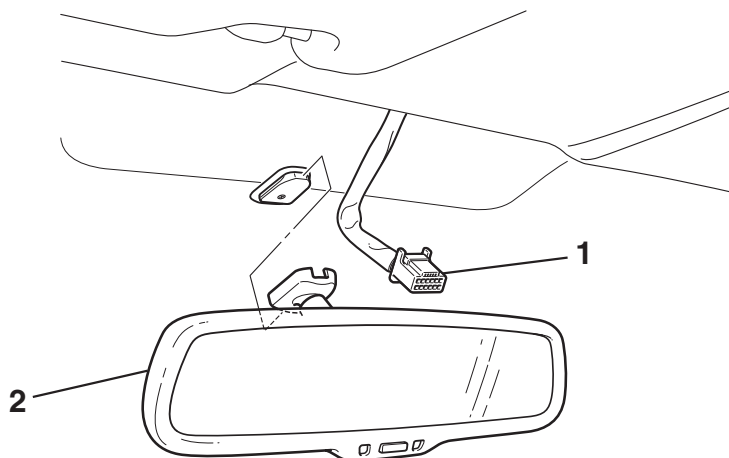
- 9. FRONT DOME LIGHT ASSEMBLY <VEHICLES WITHOUT SUNROOF>
- 10. DOME AND MAP LIGHT ASSEMBLY <VEHICLES WITH REAR VIEW SYSTEM>

REMOVAL SERVICE POINT**<<A>> HEADLINING ASSEMBLY REMOVAL**

Turn the headlining assembly 90° as shown and remove it from the liftgate side.

**INSIDE REAR VIEW MIRROR****REMOVAL AND INSTALLATION**

M1521002700290



AC808192AB

REMOVAL STEPS

<<A>>

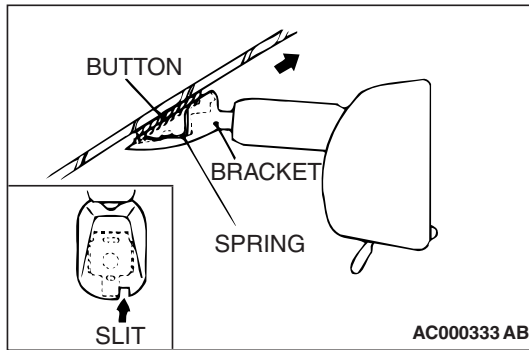
- 1. HARNESS CONNECTOR <WITH AUTOMATIC ANTI-GLARE MIRROR>
- 2. INSIDE REAR VIEW MIRROR

REMOVAL SERVICE POINT

<<A>> INSIDE REAR VIEW MIRROR REMOVAL

Insert a narrow flat-tip screwdriver into the slit in the inside rear view mirror bracket, keep the spring pushed in and remove the inside rear view mirror in the direction of the arrow in the illustration.

NOTE: While the spring is pushed in, the connection between the spring and the pawl of the button is released.



FRONT SEAT ASSEMBLY

REMOVAL AND INSTALLATION

M1522001300690

⚠ WARNING

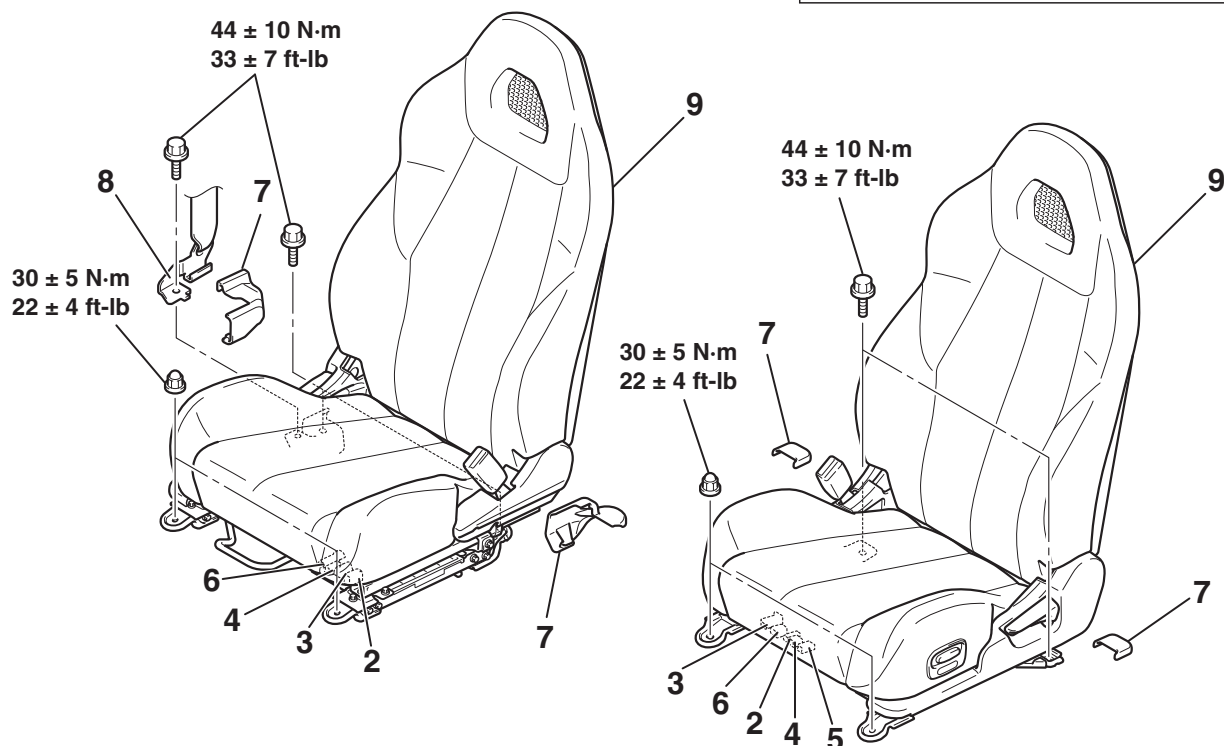
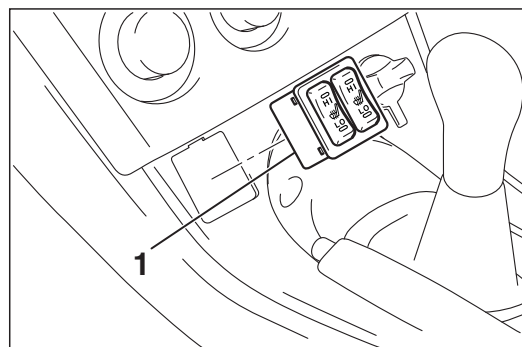
- Before removing the front seat assembly, refer to **GROUP 52B, Service Precautions P.52B-28** and **Air Bag Module and Clock Spring P.52B-423**.
- When removing and installing the front passenger seat, be sure to carry out accuracy check of occupant classification sensor after the seat has been installed in the vehicle. (Refer to **GROUP 52B, On-vehicle Service P.52B-410**.)

⚠ CAUTION

Do not impact the seat. If any impact is applied to the seat, the occupant classification sensor transmitting error may occur.

Post-installation Operation

Adjustment Procedures of Special Function (refer to **GROUP 52B, On-Vehicle Service P.52B-410**.)



1. HEATED SEAT SWITCH
<VEHICLES WITH HEATED SEAT>

AC406412AC

**FRONT SEAT ASSEMBLY
REMOVAL STEPS**

2. SEAT BELT SWITCH CONNECTOR
3. SEAT SLIDE SENSOR (DRIVER'S SIDE), OCCUPANT CLASSIFICATION SENSOR (PASSENGER'S SIDE)
4. HEATED SEAT CONNECTOR <VEHICLES WITH HEATED SEAT>
5. POWER SEAT CONNECTOR <VEHICLES WITH POWER SEAT>

**FRONT SEAT ASSEMBLY
REMOVAL STEPS (Continued)**

6. SIDE-AIRBAG MODULE CONNECTOR <VEHICLES WITH SIDE-AIRBAG>
7. FRONT SEAT REAR ANCHOR COVER
8. OUTER SEAT BELT (PASSENGER'S SIDE)
9. FRONT SEAT ASSEMBLY

>>A<<

INSTALLATION SERCIVE POINT

>>A<< FRONT SEAT ASSEMBLY INSTALLATION

⚠ CAUTION

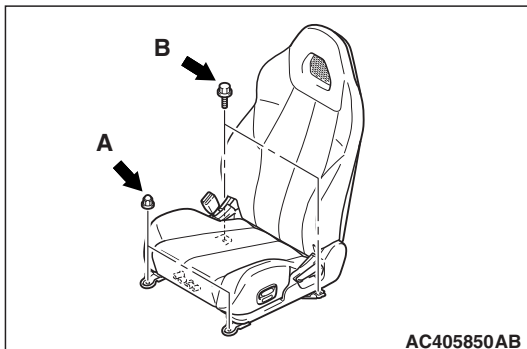
Install the front passenger's seat assembly before installing the outer seat belt.

1. Temporarily tighten the nuts in mounting locations shown in the illustration with no weight on the front seat cushion and check the operation of the seat slide.
2. Temporarily tighten the bolts in mounting locations shown in the illustration with no weight on the front seat cushion.
3. Tighten the nuts and bolts in all mounting locations to the specified torque.

Tightening torque:

A: $30 \pm 5 \text{ N}\cdot\text{m}$ ($22 \pm 4 \text{ ft}\cdot\text{lb}$)

B: $44 \pm 10 \text{ N}\cdot\text{m}$ ($33 \pm 7 \text{ ft}\cdot\text{lb}$)



INSPECTION

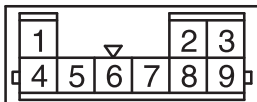
HEATED SEAT SWITCH CHECK

M1522005500210

CONTINUITY TEST OF HEATED SEAT SWITCH

1. Check for continuity between terminals.

HEATED SEAT SWITCH CONNECTOR



AC306939AB

Item	Switch position	Tester connection	Specified condition
Driver's seat side	HI	1 – 5, 3 – 8,	Less than 2 ohms
		3(+) – 5(-), 5(+) – 8(-), 1(+) – 8(-), 1(+) – 3(-)	Open circuit
	OFF	1 – 3, 1 – 5, 1 – 8, 3 – 5, 3 – 8, 5 – 8	Open circuit
	LO	3 – 5	Less than 2 ohms
		3(+) – 8(-), 5(+) – 8(-)	Open circuit
		1 – 3, 1 – 5, 1 – 8	Open circuit
Front passenger's seat side	HI	4 – 5, 8 – 9	Less than 2 ohms
		4(+) – 8(-), 5(+) – 8(-), 4(+) – 9(-), 5(+) – 9(-)	Open circuit
	OFF	4 – 5, 4 – 8, 4 – 9, 5 – 8, 5 – 9, 8 – 9	Open circuit
	LO	5 – 9	Less than 2 ohms
		5(+) – 8(-), 8(+) – 9(-)	Open circuit
		4 – 5, 4 – 8, 4 – 9	Open circuit

2. Check that the indicator is lighted at HI or LO when battery voltage is supplied to terminal 5 and terminal 8 is grounded.
3. Check that indicator is lighted when battery voltage is supplied to terminals 2 and terminal 6.

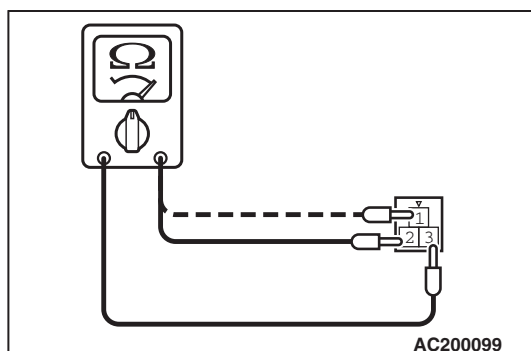
NOTE: () indicates positive or negative terminal of tester. Measuring at the opposite sides may cause open circuit.

SEAT CUSHION HEATER CHECK

Measure the resistance between terminals.

Standard value: At room temperature 20 °C (68 °F)
Between terminals 2 and terminal 3: Approximately 3.98 ohms ± 5%
Between terminals 1 and terminal 3: 3.98 ohms ± 5%

NOTE: When the interior temperature rises 1 °C (34 °F), a measurement standard value increases 0.031 ohms. And when the interior temperature drops 1 °C (34 °F), a measurement standard value decreases 0.031 ohms.

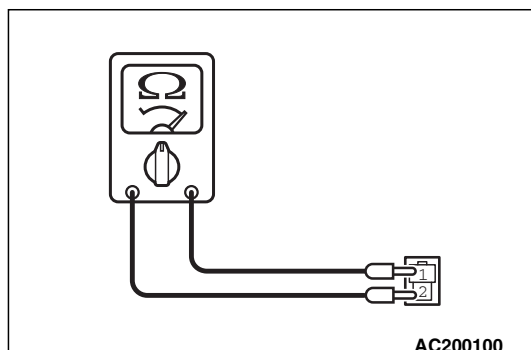


SEATBACK HEATER CHECK

Measure the resistance between terminals.

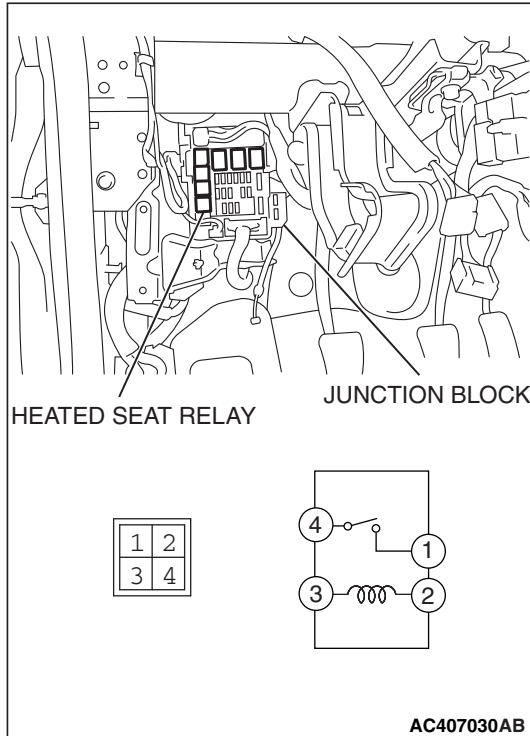
Standard value: At room temperature 20 °C (68 °F)
Approximately 4.51 ohms ± 5%

NOTE: When the interior temperature rises 1 °C (34 °F), a measurement standard value increases 0.031 ohms. And when the interior temperature drops 1 °C (34 °F), a measurement standard value decreases 0.031 ohms.



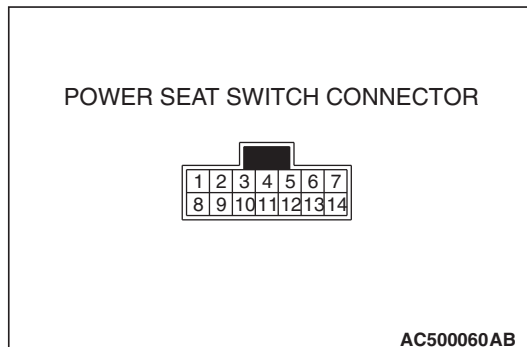
HEATED SEAT RELAY CONTINUITY CHECK

1. Remove the instrument lower cover.
2. Remove the junction block mounting and slide the junction block to check the heated seat.



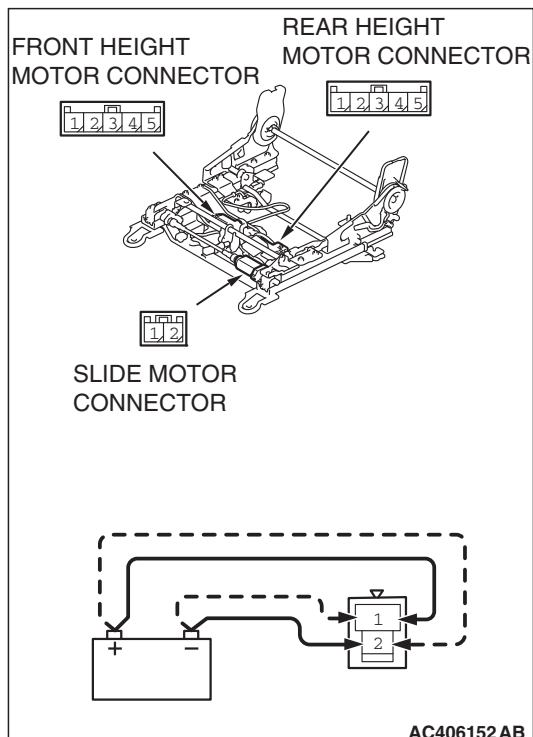
Battery voltage	Tester connection	Specified condition
Not applied	1-4	Open circuit
<ul style="list-style-type: none"> Connect terminal 3 to the positive battery terminal Connect terminal 2 to the negative battery terminal 	1-4	Less than 2 ohms

POWER SEAT SWITCH CONTINUITY CHECK



Switch position		Tester connection	Specified condition
Slide switch	FRONT	1 – 4, 3 – 13	Less than 2 ohms
		2 – 3, 4 – 13	Open circuit
	REAR	2 – 3, 4 – 13	Less than 2 ohms
		1 – 4, 3 – 13	Open circuit
	NEUTRAL	1 – 4, 2 – 3	Less than 2 ohms
		3 – 13, 4 – 13	Open circuit
Front height switch	UP	8 – 11, 10 – 13	Less than 2 ohms
		9 – 10, 11 – 13	Open circuit
	DOWN	9 – 10, 11 – 13	Less than 2 ohms
		8 – 11, 10 – 13	Open circuit
	NEUTRAL	8 – 11, 9 – 10	Less than 2 ohms
		10 – 13, 11 – 13	Open circuit

Switch position		Tester connection	Specified condition
Rear height switch	UP	5 – 7, 12 – 13	Less than 2 ohms
		6 – 12, 7 – 13	Open circuit
	DOWN	6 – 12, 7 – 13	Less than 2 ohms
		5 – 7, 12 – 13	Open circuit
	NEUTRAL	5 – 7, 6 – 12	Less than 2 ohms
		7 – 13, 12 – 13	Open circuit



OPERATION CHECK OF POWER SEAT MOTOR

1. Disconnect the connector of each motor.
2. Check that when the battery is directly connected to the motor terminal, the motor turns smoothly and each adjusting mechanism operates as stated below for each motor:
 - (1) Connect the battery power supply to the terminal 2 and ground the terminal 1, front slide side.
 - (2) Connect the battery power supply to the terminal 1 and ground the terminal 2, rear slide side.
 - (3) Connect the battery power supply to the terminal 3 and ground the terminal 2 for the front height down side and connect the battery power supply to the terminal 2 and ground the terminal 3 for the front height up side.
 - (4) Connect the battery power supply to the terminal 4 and ground the terminal 3 for the rear height up side and connect the battery power supply to the terminal 3 and ground the terminal 4 for the rear height down side.
3. If abnormality was found, check the power seat adjuster assembly.

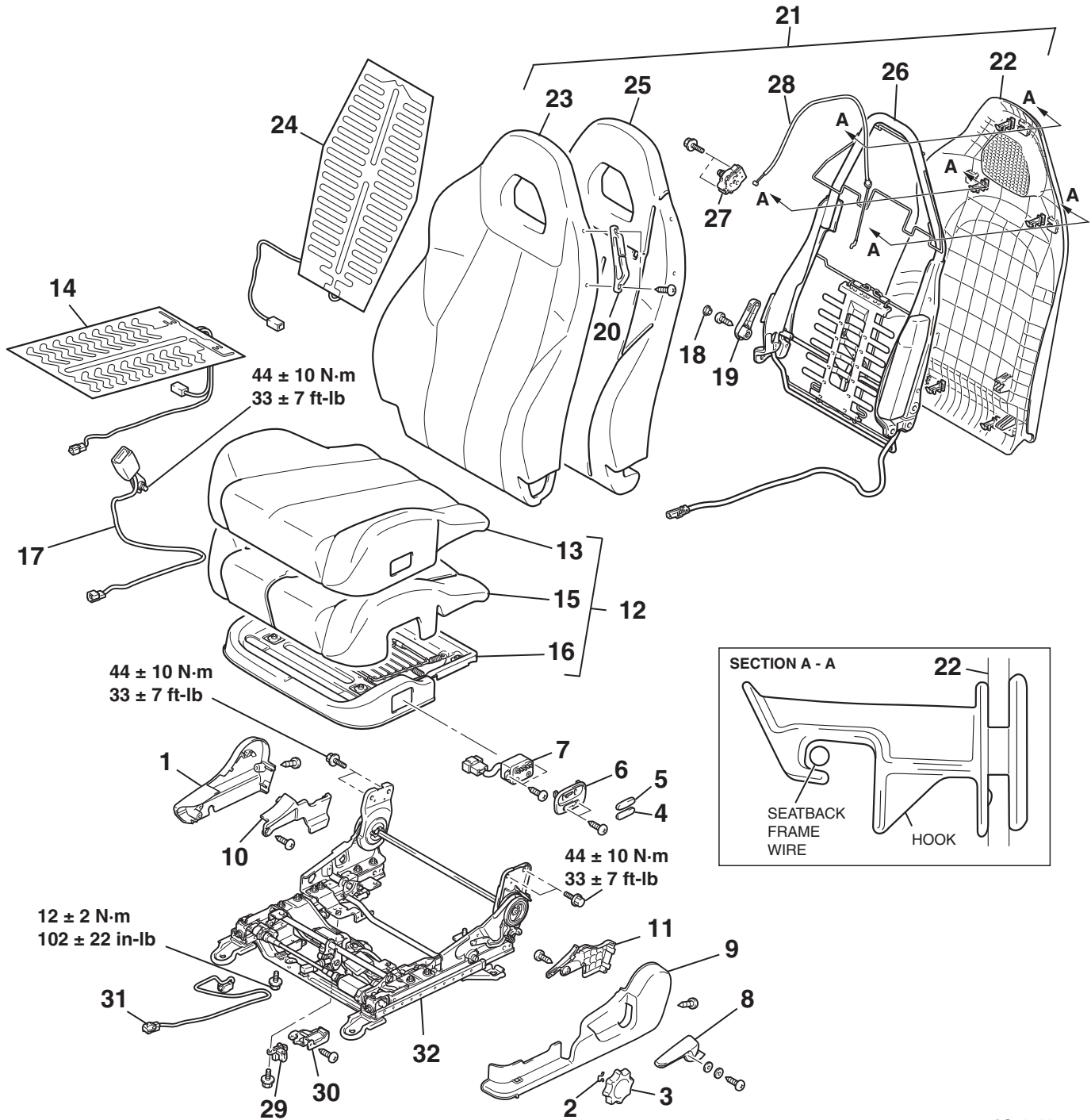
DISASSEMBLY AND ASSEMBLY

M1522001500887

<DRIVER'S SEAT>

⚠ WARNING

Never attempt to disassemble or repair the seat slide sensor. If faulty, replace it.



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DISASSEMBLY STEPS

1. HINGE COVER
2. SNAP RING <VEHICLES WITHOUT POWER SEAT>

DISASSEMBLY STEPS

3. HEIGHT ADJUSTER KNOB <VEHICLES WITHOUT POWER SEAT>
4. POWER SEAT SWITCH COVER <VEHICLES WITH POWER SEAT>

DISASSEMBLY STEPS

5. POWER SEAT SLIDE ADJUSTER SWITCH <VEHICLES WITH POWER SEAT>
6. POWER SEAT SWITCH GARNISH <VEHICLES WITH POWER SEAT>
7. POWER SEAT SWITCH <VEHICLES WITH POWER SEAT>
8. RECLINING ADJUSTER LEVER <<A>>
9. SEAT SHIELD COVER
10. SEAT SIDE SHIELD COVER INNER (RH)
11. SEAT SIDE SHIELD COVER INNER (LH)
12. SEAT CUSHION ASSEMBLY
13. SEAT CUSHION COVER
14. SEAT CUSHION HEATER <VEHICLES WITH HEATED SEAT>
15. SEAT CUSHION PAD <>

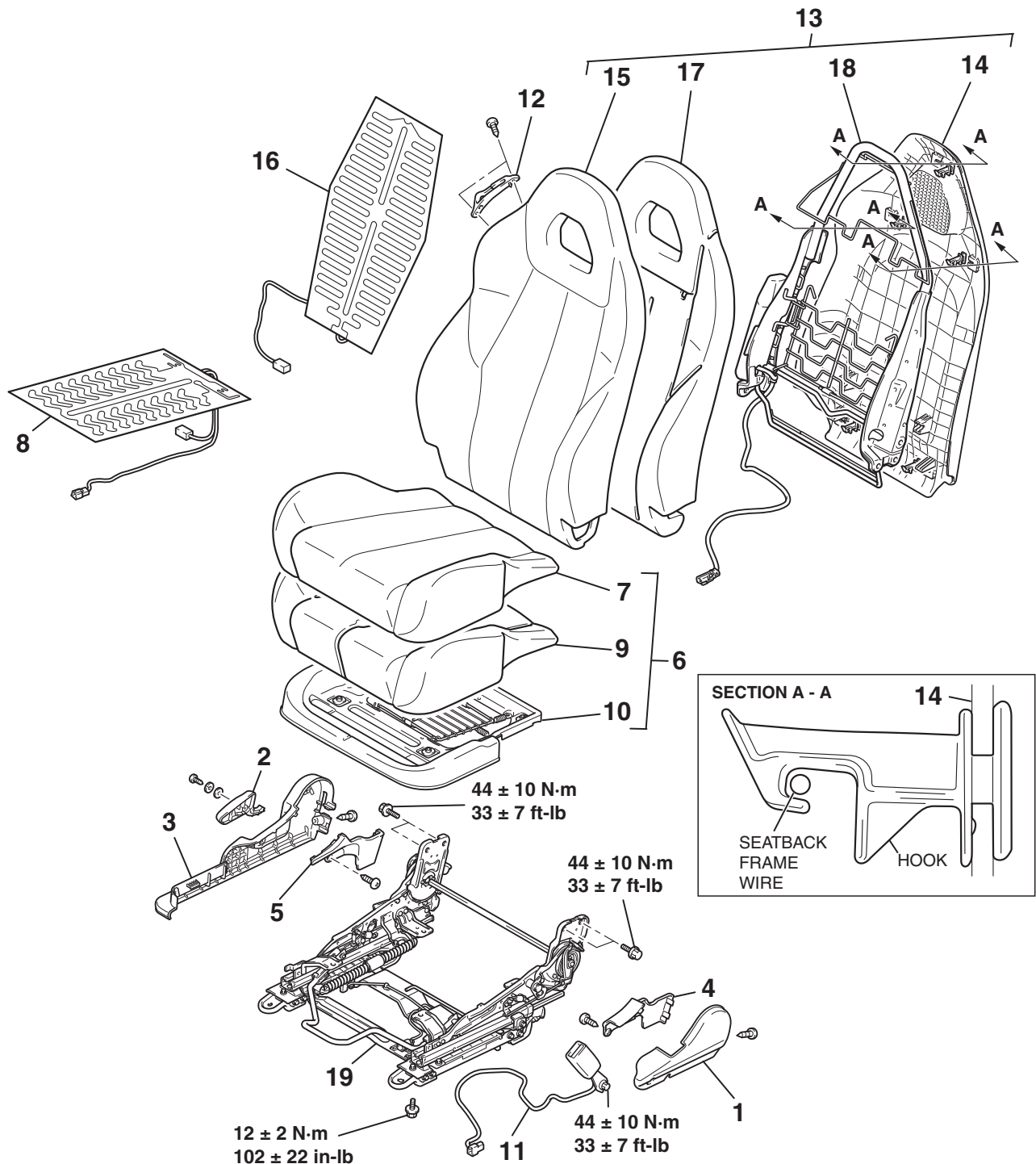
DISASSEMBLY STEPS

16. SEAT CUSHION FRAME
17. INNER SEAT BELT
18. LUMBAR SUPPORT LEVER CAP
19. LUMBAR SUPPORT LEVER
20. SEAT BELT GUIDE <ECLIPSE SPYDER>
21. SEATBACK ASSEMBLY
22. SEATBACK PANEL
23. SEATBACK COVER
24. SEATBACK HEATER <VEHICLES WITH HEATED SEAT>
25. SEATBACK PAD
26. SEATBACK FRAME
27. LUMBAR SUPPORT LINK
28. LUMBAR SUPPORT CABLE
29. SLIDE SENSOR
30. SLIDE SENSOR COVER
31. SLIDE SENSOR HARNESS
32. SLIDE ADJUSTER

<FRONT PASSENGER'S SEAT>

⚠ WARNING

- **Never attempt to disassemble or repair the occupant classification-ECU or the occupant classification sensor. If faulty, replace it.**
- **Do not drop or subject the occupant classification-ECU and occupant classification sensor to impact or vibration. If denting, cracking, deformation, or rust is discovered in the occupant classification-ECU or the occupant classification sensor, replace it with a new one.**



AC510149AB

REMOVAL STEPS

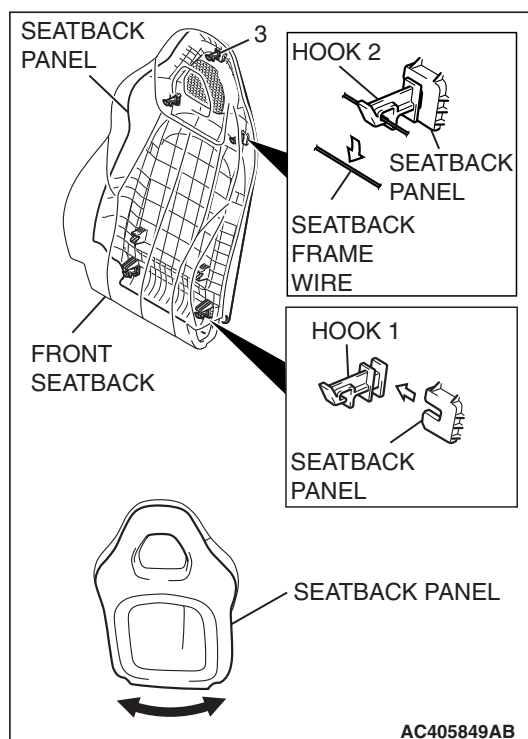
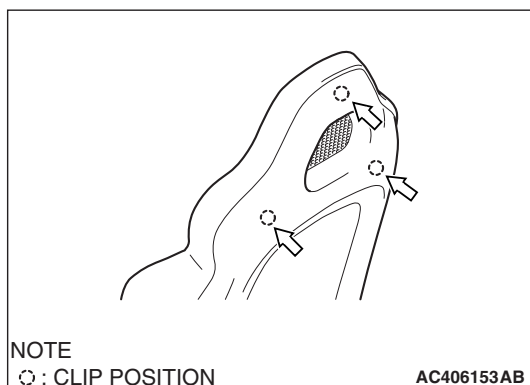
1. HINGE COVER
2. RECLINING ADJUSTER LEVER
3. SEAT SIDE SHIELD COVER
4. SEAT SIDE SHIELD COVER
INNER (LH) <<A>>
5. SEAT SIDE SHIELD COVER
INNER (RH)
6. SEAT CUSHION ASSEMBLY
7. SEAT CUSHION COVER
8. SEAT CUSHION HEATER
<VEHICLES WITH HEATED SEAT> <>
9. SEAT CUSHION PAD
10. SEAT CUSHION FRAME

REMOVAL STEPS (Continued)

11. INNER SEAT BELT
12. SEAT BELT GUIDE <ECLIPSE
SPYDER>
13. SEATBACK ASSEMBLY
14. SEATBACK PANEL
15. SEATBACK COVER
16. SEATBACK HEATER <VEHICLES
WITH HEATED SEAT>
17. SEATBACK PAD
18. SEATBACK FRAME
19. SLIDE ADJUSTER

REMOVAL SERVICE POINTS**<<A>> SEATBACK PANEL REMOVAL**

1. Raise the seatback panel while holding it as shown, and disconnect the seatback frame wire and hook connection.



2. If the seatback panel cannot be removed by the steps above, remove it as follows.
 1. Insert a screwdriver and slide hook 1 to remove it from the panel.
 2. Swing the panel to the right and left, and remove hook 2 from the wire.
 3. Finally, remove hook 3.

<> SEATBACK PANEL REMOVAL

⚠ WARNING

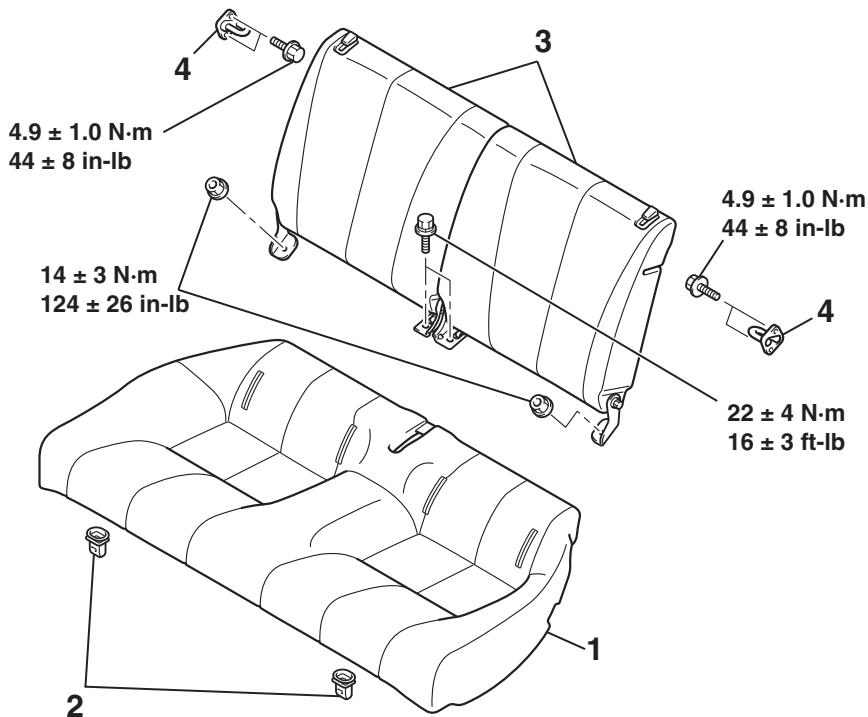
Do not remove the occupant classification-ECU and the occupant classification sensor from the slide adjuster.

REAR SEAT ASSEMBLY

REMOVAL AND INSTALLATION

M1522001800521

<ECLIPSE>



AC405663 AB

<<A>>

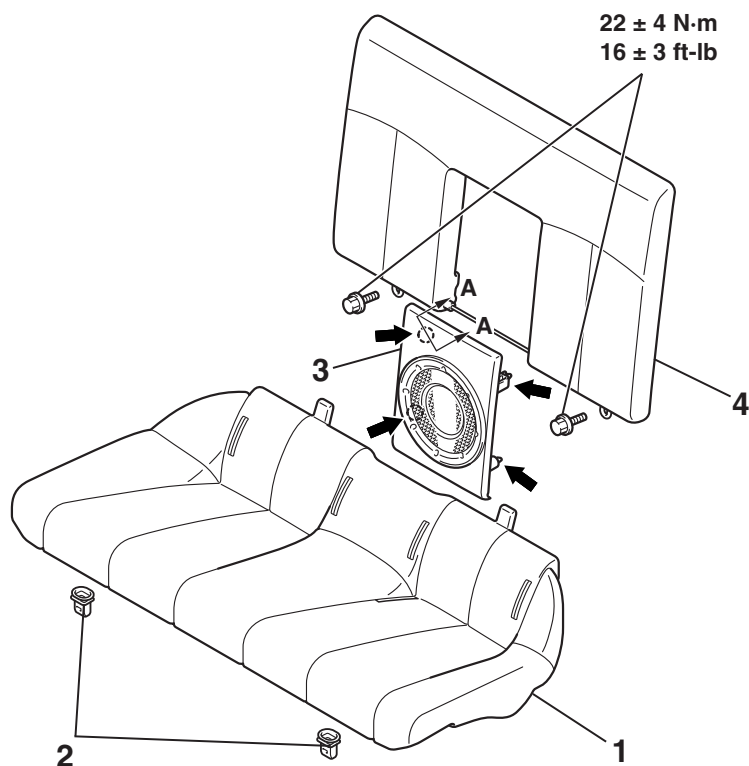
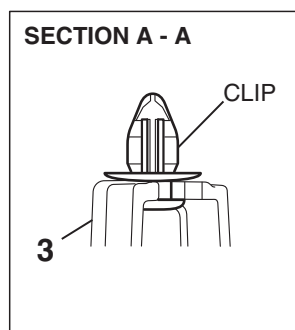
REMOVAL STEPS

1. REAR SEAT CUSHION ASSEMBLY
2. REAR SEAT HOOK

REMOVAL STEPS (Continued)

3. REAR SEATBACK ASSEMBLY
4. STRIKER

<ECLIPSE SPYDER>



NOTE
←: CLIP POSITIONS

AC507929AB

<<A>>

REMOVAL STEPS

1. REAR SEAT CUSHION ASSEMBLY
2. REAR SEAT HOOK

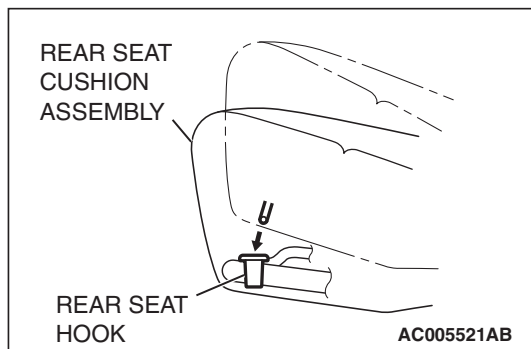
<>

REMOVAL STEPS (Continued)

3. SUBWOOFER SPEAKER TRIM
4. REAR SEATBACK ASSEMBLY

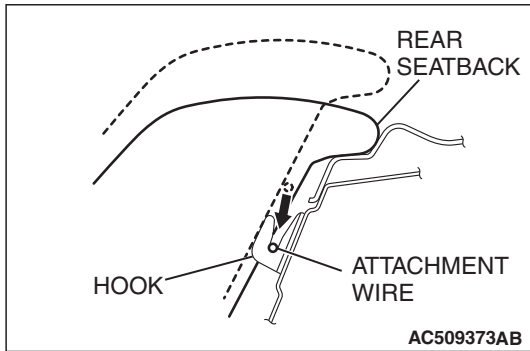
INSTALLATION SERVICE POINTS**<<A>> INSTALLATION OF REAR SEAT CUSHION ASSEMBLY**

Fit the rear seat cushion into the rear seat hook securely.



**<> INSTALLATION OF REAR SEATBACK
ASSEMBLY <ECLIPSE SPYDER>**

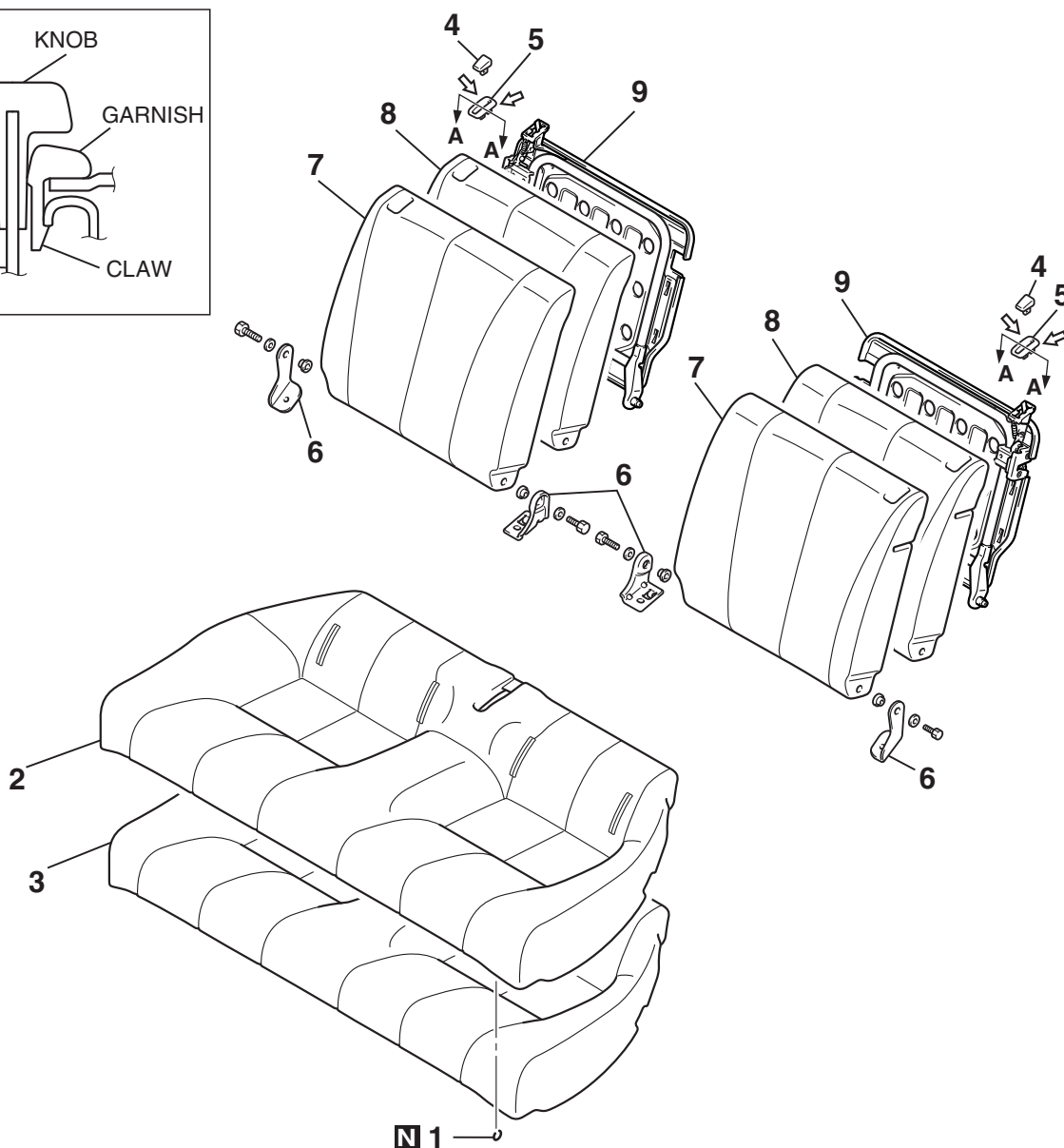
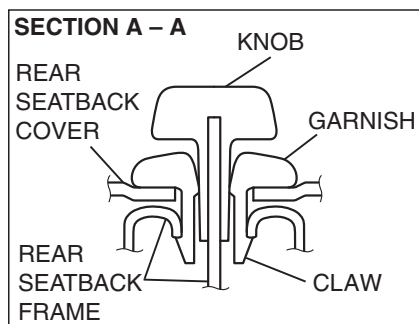
Push the rear seatback in the direction indicated in the illustration; then securely attach the attachment wire to the body side hook and install the rear seatback.



DISASSEMBLY AND ASSEMBLY

M1522002000647

<ECLIPSE>



NOTE

↔ : CLAW POSITIONS

AC405664AB

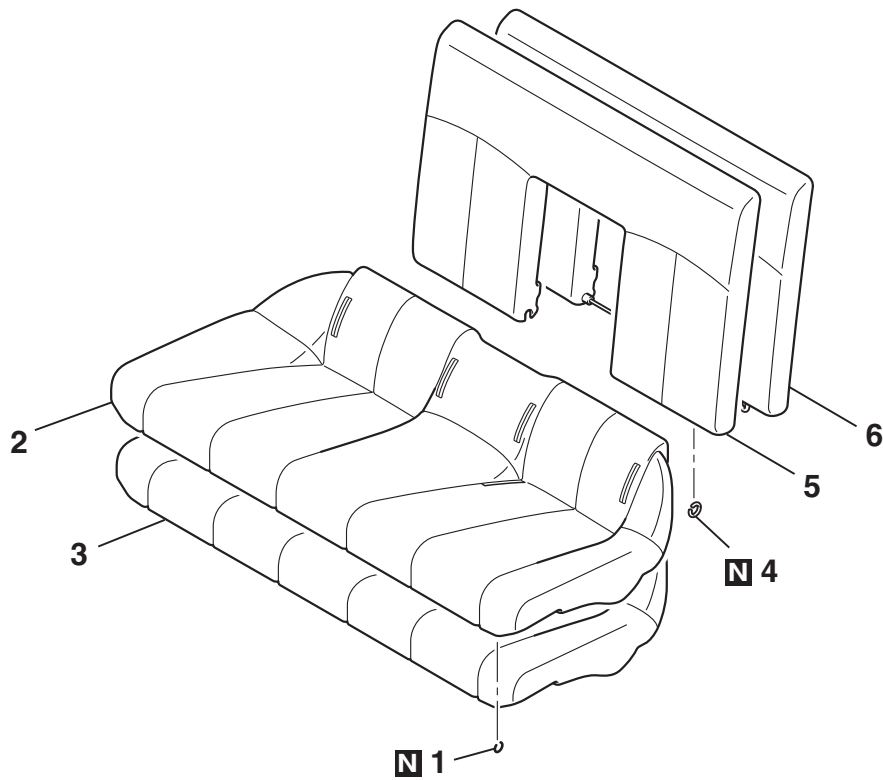
DISASSEMBLY STEPS

1. HOG RING
2. SEAT CUSHION COVER
3. SEAT CUSHION PAD
4. KNOB
5. GARNISH

DISASSEMBLY STEPS

6. REAR SEATBACK HINGE
7. REAR SEATBACK COVER
8. REAR SEATBACK PAD
9. REAR SEATBACK FRAME

<ECLIPSE SPYDER>



AC507930AB

DISASSEMBLY STEPS

1. HOG RING
2. SEAT CUSHION COVER
3. SEAT CUSHION PAD

DISASSEMBLY STEPS

4. HOG RING
5. REAR SEATBACK COVER
6. REAR SEATBACK PAD

FRONT SEAT BELT

REMOVAL AND INSTALLATION

M1523001300745

CAUTION

- When removing and installing the inner seat belt, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle. (Refer to GROUP 52B, On-Vehicle Service [P.52B-410.](#))
- SRS: Before removing and installing the seat belts with pre-tensioner, refer to GROUP 52B, Seat Belt with Pre-tensioner [P.52B-440.](#)

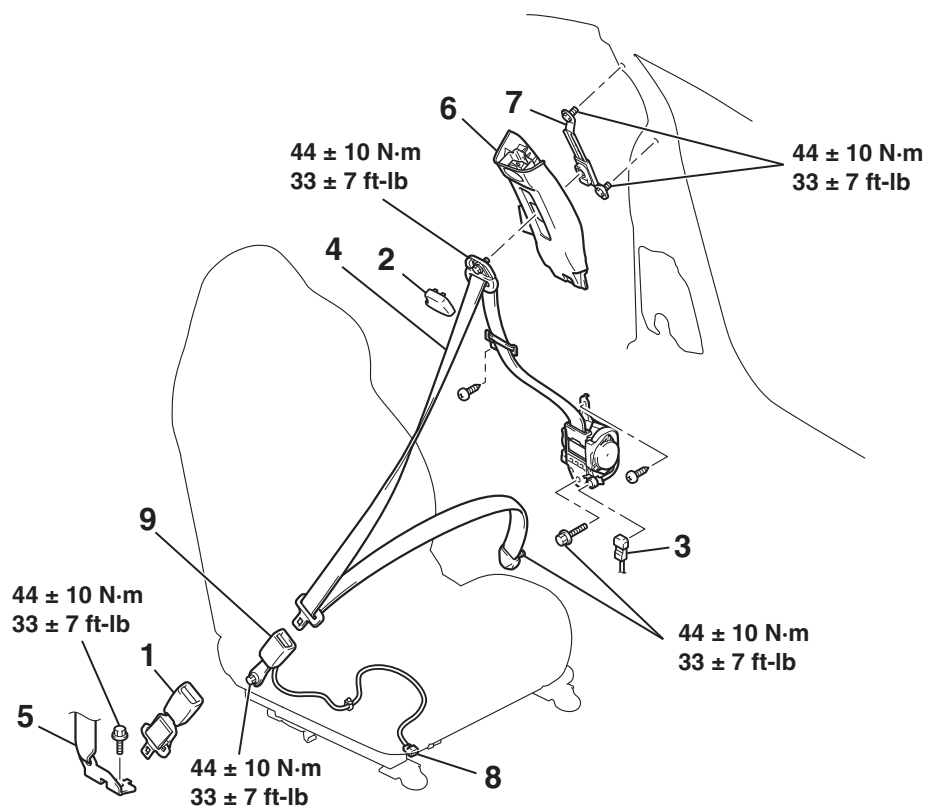
Pre-removal and Post-installation Operation

- Turn the ignition key to the LOCK (OFF) position.
- Disconnect the negative battery terminal.
- ² Removal and Installation of Rear Seat Cushion Assembly and Rear Seatback Assembly (Refer to [P.52A-49.](#))
- ² Removal and Installation of Scuff Plate, Rear Shelf Trim, Rear Side Trim, Quarter Trim Lower, Center pillar Trim Upper and Rear Pillar Trim <ECLIPSE> (Refer to [P.52A-30.](#))
- ² Removal and Installation of Scuff Plate, Quarter Lower Trim, Quarter Upper Trim <ECLIPSE SPYDER> (Refer to [P.52A-30.](#))

Post-installation Operation

Adjustment Procedures of Special Function (refer to GROUP 52B, On-Vehicle Service [P.52B-410.](#))

<ECLIPSE>



1. EXTENDER SEAT BELT ASSEMBLY*
- OUTER SEAT BELT REMOVAL STEPS**
2. SASH GUIDE COVER
- CENTER PILLAR TRIM LOWER (REFER TO [P.52A-30.](#))

OUTER SEAT BELT REMOVAL STEPS (Continued)

3. PRE-TENSIONER CONNECTOR CONNECTION
4. OUTER SEAT BELT <DRIVER'S SIDE> (REFER TO GROUP 52B, SEAT BELTS WITH PRE-TENSIONER [P.52B-440.](#))

AC405666 AB

**OUTER SEAT BELT REMOVAL
STEPS (Continued)**

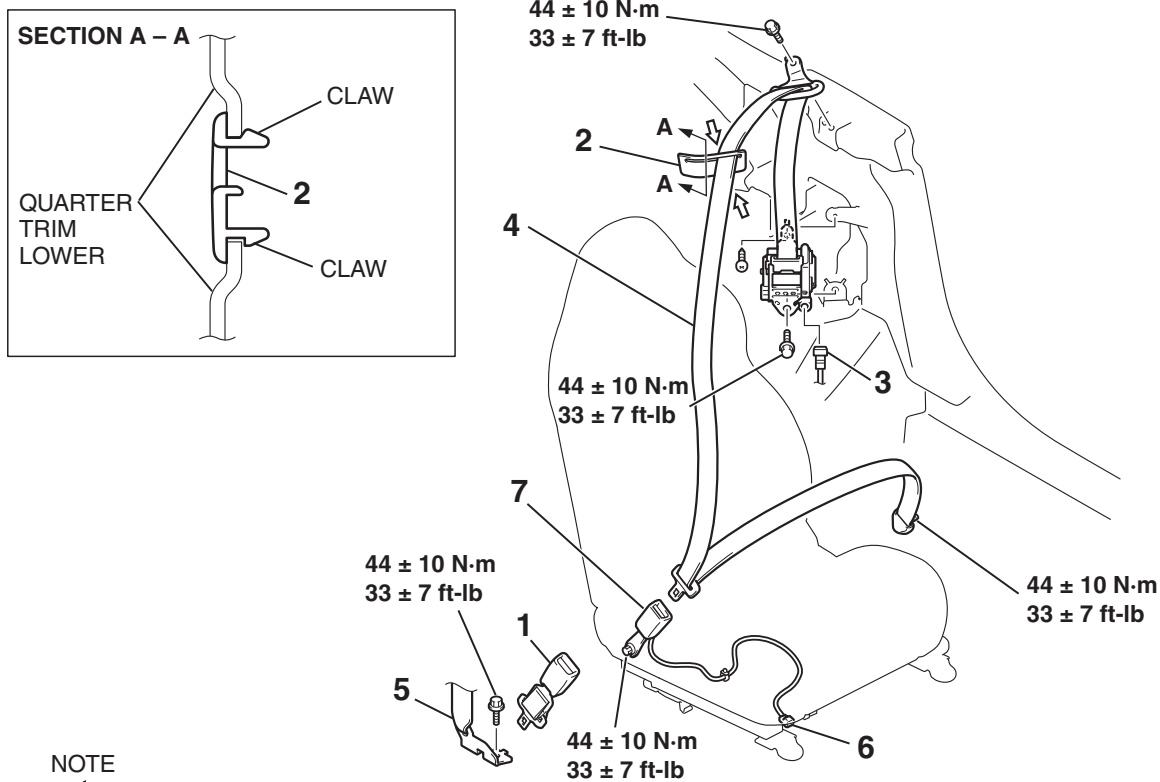
5. OUTER SEAT BELT
<PASSENGER'S SIDE> (REFER
TO GROUP 52B, SEAT BELTS
WITH PRE-TENSIONER
[P.52B-440.](#))
6. CENTER PILLAR TRIM UPPER
(REFER TO [P.52A-30.](#))
7. ADJUSTABLE SEAT BELT ANCOR

*NOTE: *If so equipped*

**INNER SEAT BELT REMOVAL
STEPS**

8. SEAT BELT SWITCH
CONNECTOR
 - SHIELD COVER (REFER TO
[P.52A-45.](#))
9. INNER SEAT BELT

<ECLIPSE SPYDER>



AC509374AB

1. EXTENDER SEAT BELT
ASSEMBLY*
**OUTER SEAT BELT REMOVAL
STEPS**
 - QUARTER TRIM LID (REFER TO
[P.52A-30.](#))
2. SEAT BELT GUIDE
3. PRE-TENSIONER CONNECTOR
CONNECTION

**OUTER SEAT BELT REMOVAL
STEPS (Continued)**

4. OUTER SEAT BELT <DRIVER'S
SIDE> (REFER TO GROUP 52B,
SEAT BELTS WITH
PRE-TENSIONER [P.52B-440.](#))
5. OUTER SEAT BELT
<PASSENGER'S SIDE> (REFER
TO GROUP 52B, SEAT BELTS
WITH PRE-TENSIONER
[P.52B-440.](#))

INNER SEAT BELT REMOVAL
STEPS

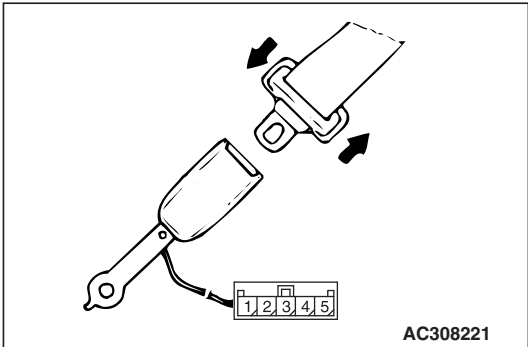
- 6. SEAT BELT SWITCH
CONNECTOR
- SEAT SHIELD COVER (REFER
TO P.52A-45.)
- 7. INNER SEAT BELT

NOTE: * If so equipped

INSPECTION

M1523004400600

SEAT BELT SWITCH CONTINUITY CHECK
(DRIVER’S SIDE)



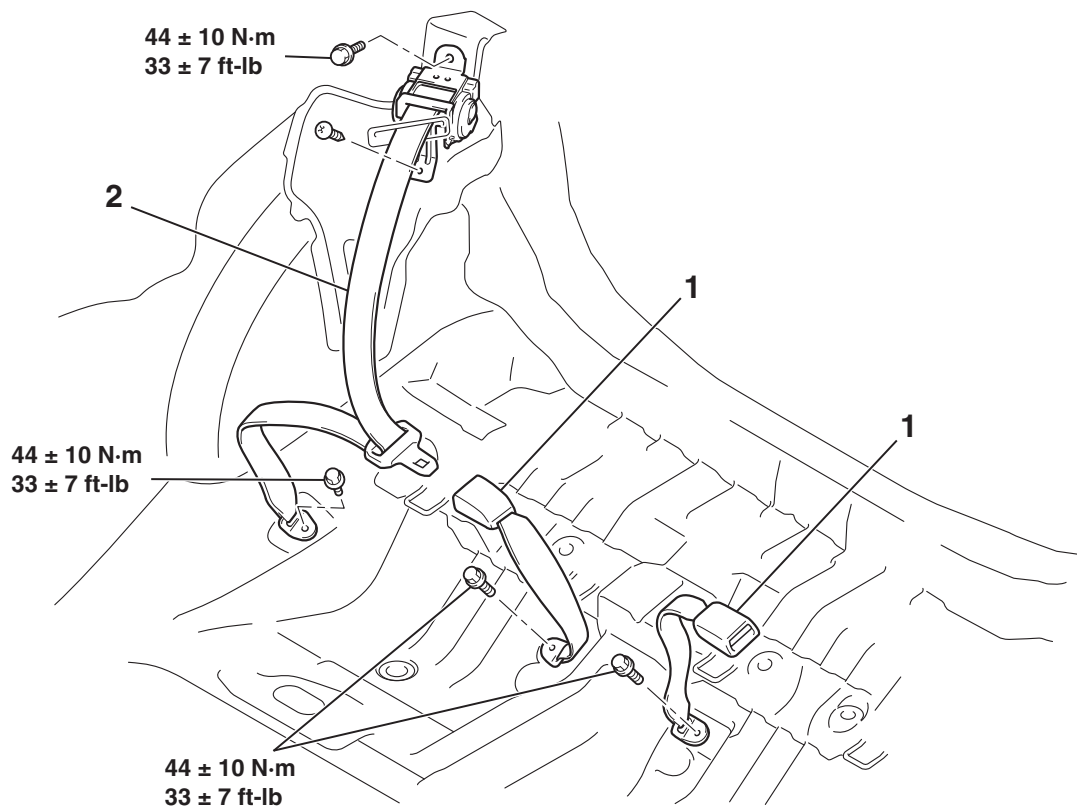
Item	Tester connection	Specified condition
Fastened seat belt	1 – 2	Open circuit
Unfastened seat belt	1 – 2	Less than 2 ohms

REAR SEAT BELT

REMOVAL AND INSTALLATION

M1523001600605

<ECLIPSE>



AC405665AB

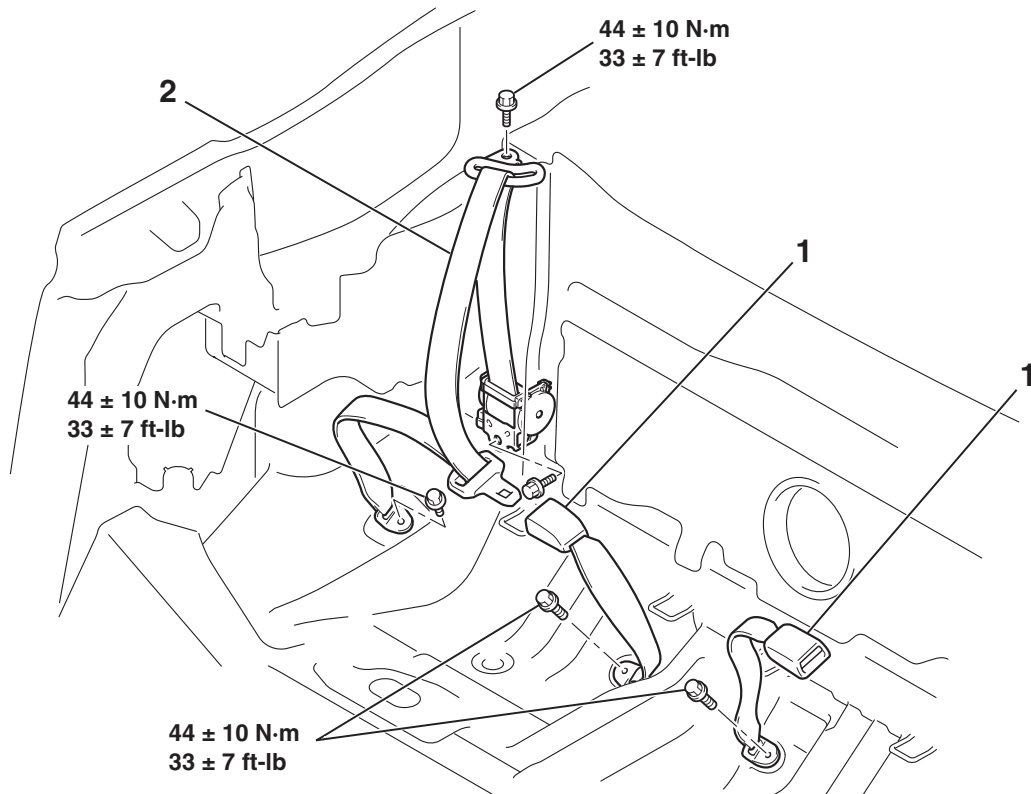
REMOVAL STEPS

- REAR SEAT CUSHION ASSEMBLY (REFER TO [P.52A-49.](#))
1. INNER SEAT BELT

REMOVAL STEPS (Continued)

- QUARTER TRIM LOWER (REFER TO [P.52A-49.](#))
2. OUTER SEAT BELT

<ECLIPSE SPYDER>



AC509375AB

REMOVAL STEPS

- REAR SEAT CUSHION ASSEMBLY (REFER TO [P.52A-49.](#))
1. INNER SEAT BELT

REMOVAL STEPS (Continued)

- QUARTER TRIM LOWER (REFER TO [P.52A-49.](#))
2. OUTER SEAT BELT

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

M1521004100283

Item	Specification
Front seat	
Front seatback assembly bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seat cushion assembly bolt	12 ± 2 N·m (102 ± 22 in-lb)
Front seat bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seat nut	30 ± 5 N·m (22 ± 4 ft-lb)
Rear seat	
Seatback assembly bolt	22 ± 4 N·m (16 ± 3 ft-lb)
Seatback assembly nut <ECLIPSE>	14 ± 3 N·m (124 ± 26 in-lb)
Striker <ECLIPSE>	4.9 ± 10 N·m (44 ± 8 in-lb)
Front seat belt	
Adjustable seat belt anchor bolt <ECLIPSE>	44 ± 10 N·m (33 ± 7 ft-lb)
Inner seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Outer seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Rear seat belt	
Inner seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Outer seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Seat belt lower anchor bolt	44 ± 10 N·m (33 ± 7 ft-lb)

LUBRICANT

M1521000400033

<INSTRUMENT PANEL>

Item	Specified lubricant
Cylinder sub-assembly	Repair kit grease

NOTES